

CHIM&TE

Fine Chemicals Applied Research
and Development

PRODUCTS CATALOGUE



Chimete has been providing outsourcing services dedicated to Research & Development in the field of organic synthesis and analytical research since 1997.

The Chimete laboratories are based in Rivalta Scrivia's Scientific-Technological Park, a strategic point between Milan, Turin and Genoa: the network formed over the years has allowed hundreds of customers to get to know the reality of Chimete and continue to choose it.

Here there are our offer of products,
for any question please contact us:

chimete@chimete.com

Phone: +39 0131 1711970

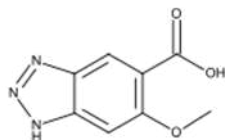




OUR PRODUCTS

IMPURITIES

ALIZAPRIDE IMPURITY A



Alizapride is a dopamine antagonist with prokinetic and antiemetic effects, used in the treatment of nausea and vomiting.

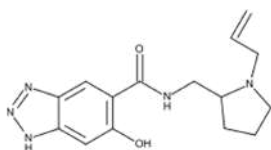
Catalog number: C0270

CAS number: 59338-92-0

Molecular formula: $C_8H_7N_3O_3$

Molecular weight: 193.16 g/mol

ALIZAPRIDE IMPURITY B



Alizapride is a dopamine antagonist with prokinetic and antiemetic effects, used in the treatment of nausea and vomiting.

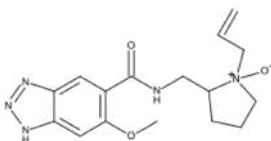
Catalog number: C0271

CAS number: NA

Molecular formula: $C_{15}H_{19}N_5O_2$

Molecular weight: 301.34 g/mol

ALIZAPRIDE IMPURITY C



Alizapride is a dopamine antagonist with prokinetic and antiemetic effects, used in the treatment of nausea and vomiting.

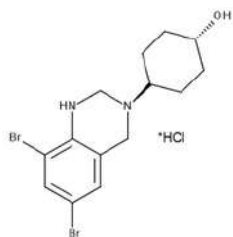
Catalog number: C0272

CAS number: NA

Molecular formula: $C_{16}H_{21}N_5O_3$

Molecular weight: 331.37 g/mol

AMBROXOL IMPURITY B HYDROCHLORIDE



Ambroxol is a secretolytic agent used in the treatment of respiratory diseases associated with viscous or excessive mucus.

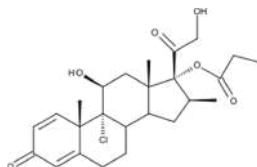
Catalog number: C0260

CAS number: 15942-08-2

Molecular formula: $C_{14}H_{18}Br_2N_2O \cdot HCl$

Molecular weight: 426.57 g/mol

BECLOMETHASONE 17-PROPIONATE



Beclomethasone is a corticosteroid used as inhaler in the long-term management of asthma and chronic obstructive pulmonary disease (COPD).

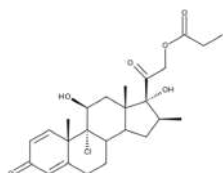
Catalog number: C0273

CAS number: 5534-18-9

Molecular formula: $C_{25}H_{33}ClO_6$

Molecular weight: 464.98 g/mol

BECLOMETHASONE 21-PROPIONATE



Beclomethasone is a corticosteroid used as inhaler in the long-term management of asthma and chronic obstructive pulmonary disease (COPD).

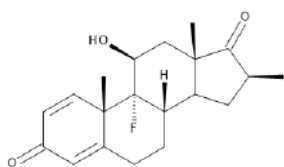
Catalog number: C0274

CAS number: 69224-79-9

Molecular formula: $C_{25}H_{33}ClO_6$

Molecular weight: 464.98 g/mol

BETAMETHASONE 17-KETONE



Betamethasone is a corticosteroid used for a number of diseases including rheumatic disorders, skin diseases, allergic conditions, Crohn's disease.

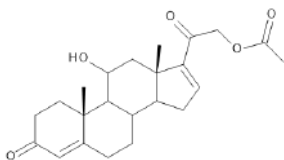
Catalog number: C0239

CAS number: 3109-01-1

Molecular formula: $C_{20}H_{25}FO_3$

Molecular weight: 332.41 g/mol

BUDESONIDE IMPURITY 3



Budesonide is a corticosteroid used as inhaler in the long-term management of asthma and chronic obstructive pulmonary disease (COPD).

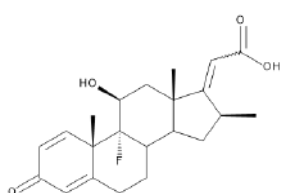
Catalog number: C0283

CAS number: 3044-42-6

Molecular Formula: $C_{23}H_{28}O_5$

Molecular weight: 384.47 g/mol

CLOBETASOL IMPURITY F



Clobetasol is a corticosteroid used to treat skin conditions such as eczema, contact dermatitis, seborrheic dermatitis, and psoriasis.

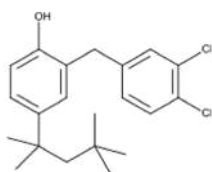
Catalog number: C0240

CAS number: 2412496-00-3

Molecular formula: $C_{22}H_{27}FO_4$

Molecular weight: 374.44 g/mol

CLOFOCTOL IMPURITY G



Clofocetol is a bacteriostatic antibiotic used against gram positive bacteria. It is used in the treatment of respiratory tract and ear, nose and throat infections.

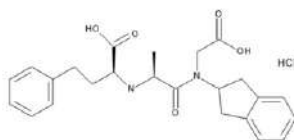
Catalog number: C0276

CAS number: 37693-07-5

Molecular formula: $C_{21}H_{26}Cl_2O$

Molecular weight: 365.34 g/mol

DELAPRIL IMPURITY 4



Delapril is an ACE-inhibitor used as an antihypertensive drug. It is a prodrug converted in a metabolite that bind and inhibit angiotensin-converting enzyme (ACE), hence blocking angiotensin I to angiotensin II conversion.

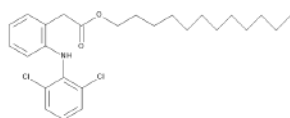
Catalog number: C0261

CAS number: 108428-40-6

Molecular formula: $C_{24}H_{29}ClN_2O_5$

Molecular weight: 460.96 g/mol

DICLOFENAC DODECYLESTER



Diclofenac is a nonsteroidal anti-inflammatory drug (NSAID) used to treat pain and inflammatory diseases. NSAIDs work by inhibiting the activity of cyclooxygenase enzymes involved in the synthesis of key biological mediators, namely prostaglandins and thromboxanes.

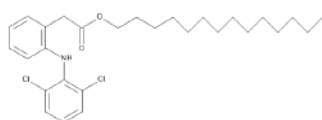
Catalog number: C0237

CAS number: NA

Molecular formula: $C_{26}H_{35}Cl_2NO_2$

Molecular weight: 464.47 g/mol

DICLOFENAC TETRADECYL ESTER



Diclofenac tetradecyl ester falls under the category of Impurities. Diclofenac is a nonsteroidal anti-inflammatory drug (NSAID) used to treat pain and inflammatory diseases. NSAIDs work by inhibiting the activity of cyclooxygenase enzymes involved in the synthesis of key biological mediators, namely prostaglandins and thromboxanes.

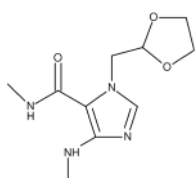
Catalog number: C0238

CAS number: NA

Molecular formula: $C_{28}H_{39}Cl_2NO_2$

Molecular weight: 492.52 g/mol

DOXOFILLINE IMPURITY 1



Doxofylline is a methylxanthine derivative drug used in the treatment of asthma, chronic obstructive respiratory (COPD) and bronchospasm.

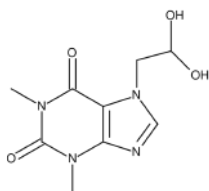
Catalog number: C0280

CAS number: 1429636-74-7

Molecular formula: C₁₀H₁₆N₄O₃

Molecular weight: 240.26 g/mol

DOXOFILLINE IMPURITY 2



Doxofylline is a methylxanthine derivative drug used in the treatment of asthma, chronic obstructive respiratory (COPD) and bronchospasm.

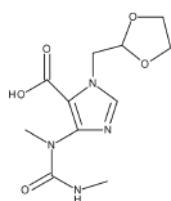
Catalog number: C0281

CAS number: 1429636-73-6

Molecular formula: C₉H₁₀N₄O₃

Molecular weight: 222.20 g/mol

DOXOFILLINE IMPURITY 4



Doxofylline is a methylxanthine derivative drug used in the treatment of asthma, chronic obstructive respiratory (COPD) and bronchospasm.

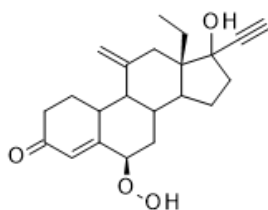
Catalog number: C0282

CAS number: 2095554-12-2

Molecular formula: C₁₁H₁₆N₄O₅

Molecular weight: 284.28 g/mol

ETONOGESTREL 6-BETA-HYDROPE- ROXIDE



Etonogestrel is a steroidal progestin used as hormonal contraceptives. It is the biologically active metabolite of desogestrel used in the contraceptive ring in combination with ethinyl estradiol, and alone in a subdermal implant.

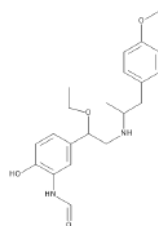
Catalog number: 0261

CAS number: NA

Molecular formula: C₂₂H₂₈O₄

Molecular weight: 356.44 g/mol

ETHYLFORMOTEROL



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

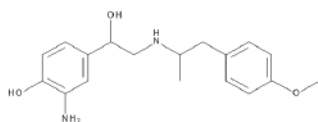
Catalog number: C0263

CAS number: NA

Molecular formula: C₂₁H₂₈N₂O₄

Molecular weight: 372.46 g/mol

FORMOTEROL IMPURITY A



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

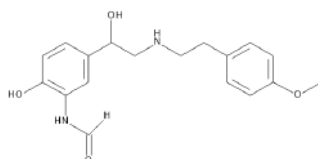
Catalog number: C0223

CAS number: 150513-24-9

Molecular formula: C₁₈H₂₄N₂O₃

Molecular weight: 316.39 g/mol

FORMOTEROL IMPURITY B



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

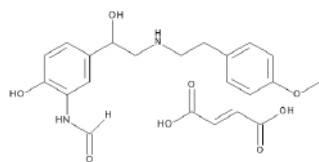
Catalog number: C0224

CAS number: 1224588-66-2

Molecular formula: C₁₈H₂₂N₂O₄

Molecular weight: 330.38 g/mol

FORMOTEROL
IMPURITY B
FUMARATE SALT



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

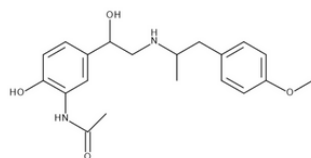
Catalog number: C0243

CAS number: 1795137-04-0

Molecular formula: $C_{18}H_{22}N_2O_4 \cdot C_4H_4O_4$

Molecular weight: 446.38 g/mol

FORMOTEROL
IMPURITY C



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

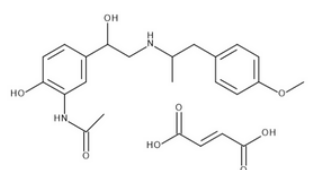
Catalog number: C0225

CAS number: 1795135-61-3

Molecular formula: $C_{20}H_{26}N_2O_4$

Molecular weight: 358.43 g/mol

FORMOTEROL
IMPURITY C
FUMARATE SALT



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

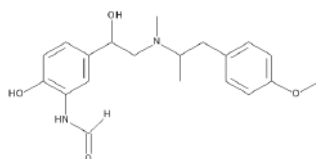
Catalog number: C0224

CAS number: 1795135-62-4

Molecular formula: $C_{20}H_{26}N_2O_4 \cdot C_4H_4O_4$

Molecular weight: 474.43 g/mol

FORMOTEROL
IMPURITY D



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

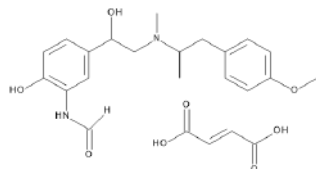
Catalog number: C0226

CAS number: 1795133-96-8

Molecular formula: $C_{20}H_{26}N_2O_4$

Molecular weight: 358.43 g/mol

FORMOTEROL
IMPURITY D
FUMARATE SALT



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

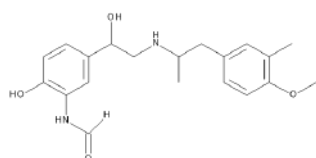
Catalog number: C0245

CAS number: 1795133-97-9

Molecular formula: $C_{20}H_{26}N_2O_4 \cdot C_4H_4O_4$

Molecular weight: 474.43 g/mol

FORMOTEROL
IMPURITY E



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

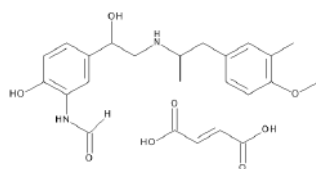
Catalog number: C0227

CAS number: 1616967-26-0

Molecular formula: $C_{20}H_{26}N_2O_4$

Molecular weight: 358.43 g/mol

FORMOTEROL
IMPURITY E
FUMARATE SALT



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

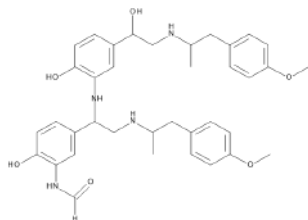
Catalog number: C0246

CAS number: 1795136-92-3

Molecular formula: $C_{20}H_{26}N_2O_4 \cdot C_4H_4O_4$

Molecular weight: 474.43 g/mol

FORMOTEROL IMPURITY F



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

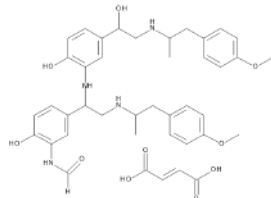
Catalog number: C0228

CAS number: 1795129-59-7

Molecular formula: $C_{37}H_{46}N_4O_6$

Molecular weight: 642.68 g/mol

FORMOTEROL IMPURITY F FUMARATE SALT



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

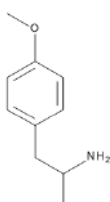
Catalog number: C0247

CAS number: 1795129-60-0

Molecular formula: $C_{37}H_{46}N_4O_6 \cdot C_4H_4O_4$

Molecular weight: 758.78 g/mol

FORMOTEROL IMPURITY G



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

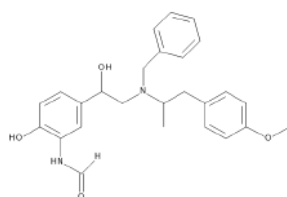
Catalog number: C0234

CAS number: 64-13-1

Molecular formula: $C_{10}H_{15}NO$

Molecular weight: 165.23 g/mol

FORMOTEROL IMPURITY H



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

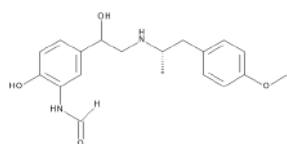
Catalog number: C0229

CAS number: NA

Molecular formula: $C_{26}H_{30}N_2O_4$

Molecular weight: 434.54 g/mol

FORMOTEROL IMPURITY I



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

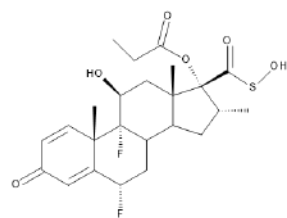
Catalog number: C0230

CAS number: 532414-36-1

Molecular formula: $C_{19}H_{24}N_2O_4$

Molecular weight: 344.40 g/mol

FLUTICASONE EP IMPURITY B



Fluticasone is a corticosteroid and it's used by powder or aerosol inhalation for the prophylaxis of asthma and COPD. In a topical form it can be used to treat skin disease.

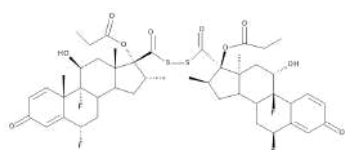
Catalog number: C0236

CAS number: 948566-12-9

Molecular formula: $C_{24}H_{30}F_2O_6S$

Molecular weight: 484.55 g/mol

FLUTICASONE EP IMPURITY H



Fluticasone is a corticosteroid and it's used by powder or aerosol inhalation for the prophylaxis of asthma and COPD. In a topical form it can be used to treat skin disease.

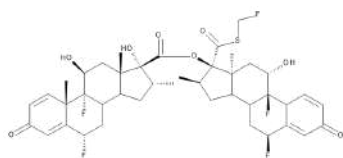
Catalog number: C0235

CAS number: 201812-64-8

Molecular formula: $C_{48}H_{58}F_4O_{10}S_2$

Molecular weight: 935.09 g/mol

FLUTICASONE IMPURITY G



Fluticasone is a corticosteroid and it's used by powder or aerosol inhalation for the prophylaxis of asthma and COPD. In a topical form it can be used to treat skin disease.

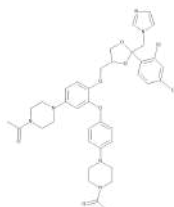
Catalog number: C0231

CAS number: 220589-37-7

Molecular formula: $C_{43}H_{51}F_5O_8S$

Molecular weight: 822.9 g/mol

KETOCONAZOLE IMPURITY B



Ketoconazole is an antifungal medication used to treat a number of fungal infections. It interferes with the fungal synthesis of ergosterol, a constituent of fungal cell membranes, as well as certain enzymes.

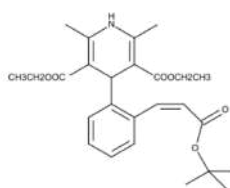
Catalog number: C0204

CAS number: 1346598-39-7

Molecular formula: $C_{38}H_{42}Cl_2N_6O_6$

Molecular weight: 749.68 g/mol

LACIDIPINE IMPURITY C



Lacidipine is a dihydropyridine calcium channel blocker with a slow onset of action used to treat hypertension.

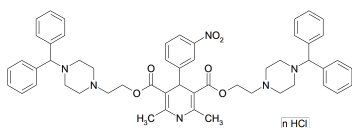
Catalog number: C0278

CAS number: NA

Molecular formula: $C_{26}H_{33}NO_6$

Molecular weight: 455.53 g/mol

MANIDIPINE IMPURITY BIS ANALOG



Manidipine is a calcium channel blocker (dihydropyridine type) that is used clinically as an antihypertensive.

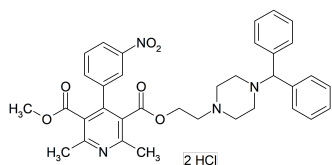
Catalog number: C0267

CAS number: 2227064-46-0

Molecular formula: $C_{35}H_{38}N_6O_6 \cdot n \text{ HCl}$

Molecular weight: 875.09 g/mol • n HCl

DEHYDRO MANIDIPINE



Manidipine is a calcium channel blocker (dihydropyridine type) that is used clinically as an antihypertensive.

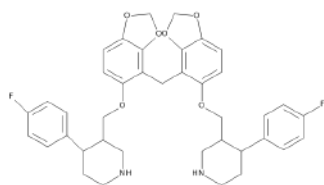
Catalog number: C0268

CAS number: 104305-93-3

Molecular formula: $C_{35}H_{36}N_4O_6 \cdot 2 \text{ HCl}$

Molecular weight: 608.68 g/mol • 2 HCl

PAROXETINE METHYLENE BRIDGED DIMER



Paroxetine is an antidepressant of the selective serotonin reuptake inhibitor (SSRI) class. It is used to treat major depressive disorder and anxiety disorders.

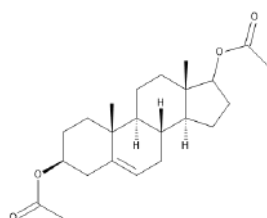
Catalog number: C0205

CAS number: NA

Molecular formula: $C_{39}H_{40}F_2N_2O_6$

Molecular weight: 670.74 g/mol

PRASTERONE IMPURITY 5



Prasterone, also known as dehydroepiandrosterone (DHEA) is a major C19 steroid produced by the adrenal cortex. Dehydroepiandrosterone (DHEA) is an intermediate in the conversion of cholesterol to androgens and estrogens.

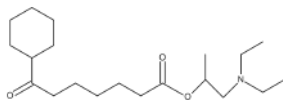
Catalog number: C0269

CAS number: NA

Molecular formula: $C_{22}H_{34}O_4$

Molecular weight: 362.50 g/mol

ROCIVERINE IMPURITY C



Rociverine is a spasmolytic agents that inhibit the actions of the parasympathetic nervous system. It is indicated in the treatment of urinary, gastrointestinal, and biliary tract spasms.

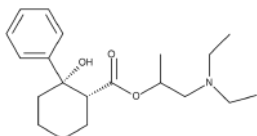
Catalog number: C0279

CAS number: 2146107-06-2

Molecular formula: $C_{20}H_{37}NO_3$

Molecular weight: 339.51 g/mol

ROCIVERINE AROMATIC IMPURITY



Rociverine is a spasmolytic agents that inhibit the actions of the parasympathetic nervous system. It is indicated in the treatment of urinary, gastrointestinal, and biliary tract spasms.

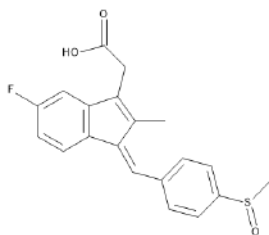
Catalog number: C0283

CAS number: 21405-77-6

Molecular formula: $C_{20}H_{31}NO_3$

Molecular weight: 333.46 g/mol

TRANS SULINDAC



Sulindac is a nonsteroidal anti-inflammatory drug (NSAID) of the arylalkanoic acid class. Like other NSAIDs, it is useful in the treatment of acute or chronic inflammatory conditions.

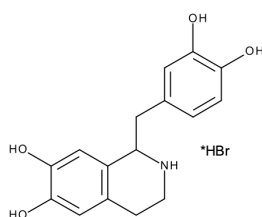
Catalog number: C0248

CAS number: NA

Molecular formula: $C_{20}H_{17}FO_3S$

Molecular weight: 356.41 g/mol

TETRAHYDROPAPA- VEROLINE HYDROBROMIDE



It is a key intermediate on the biosynthetic pathway to morphinan and benzyloquinoline alkaloids.

Catalog number: C0241

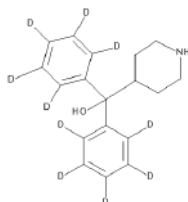
CAS number: 16659-88-4

Molecular formula: $C_{16}H_{17}NO_4 \cdot HBr$

Molecular weight: 287.31 g/mol

DEUTERATED COMPOUNDS

AZACYCLONOL D10



Azacyclonol D10 is the labeled analogue of -(4-Piperidyl) benzhydrol, a key intermediate in the synthesis of Fexofenadine.

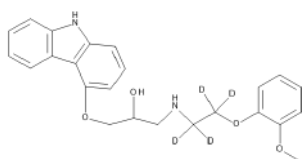
Catalog number: C0217

CAS number: NA

Molecular formula: $C_{18}H_{11}D_{10}NO$

Molecular weight: 277.43 g/mol

CARVEDILOL-D4



Carvedilol is both a non-selective β -adrenergic receptor antagonist (β_1, β_2) and an α -adrenergic receptor antagonist (α_1). It is indicated in the management of high blood pressure and congestive heart failure (CHF).

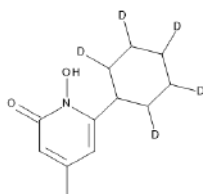
Catalog number: C0184

CAS number: 1133705-56-2

Molecular formula: $C_{24}D_4H_{22}N_2O_4$

Molecular weight: 410.50 g/mol

CICLOPIROX D5



Ciclopirox is a synthetic antifungal agent for topical treatment of onychomycosis. Ciclopirox chelates polyvalent cations, resulting in inhibition of metal-dependent enzymes that are responsible for degrading peroxides inside fungal cells.

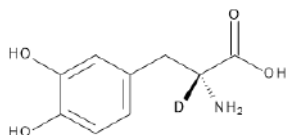
Catalog number: C0232

CAS number: NA

Molecular formula: $C_{12}H_{12}D_5NO_2$

Molecular weight: 212.30 g/mol

D-DOPA D1



D-dopa is the D-enantiomer of DOPA, precursor to the neurotransmitters dopamine, norepinephrine, and epinephrine, which are known as catecholamines. The enantiomer L-dopa is used in the treatment of Parkinson's disease, on the contrary D-dopa is biologically inactive.

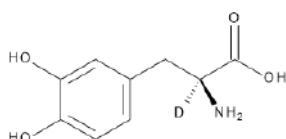
Catalog number: C0242

CAS number: NA

Molecular formula: $C_9H_{10}DNO_4$

Molecular weight: 198.19 g/mol

L-DOPA D1



L-Dopa is the L-enantiomer of DOPA, precursor to the neurotransmitters dopamine, norepinephrine, and epinephrine, which are known as catecholamines. The enantiomer L-dopa is used in the treatment of Parkinson's disease, on the contrary D-dopa is biologically inactive.

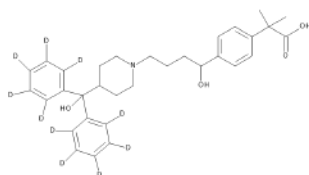
Catalog number: C0233

CAS number: 102053-57-6

Molecular formula: $C_9H_{10}DNO_4$

Molecular weight: 198.19 g/mol

FEXOFENADINE D10



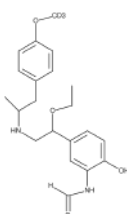
Fexofenadine is an antihistamine pharmaceutical drug used in the treatment of allergy symptoms. It is a selective peripheral H1 blocker.

Catalog number: C0211

CAS number: 1215900-18-7

Molecular formula: $C_{32}H_{29}D_{10}NO_4$

Molecular weight: 511.72 g/mol

ETHYL
FORMOTEROL-D3
(ETHYL FORMOTEROL
DEUTERATED)

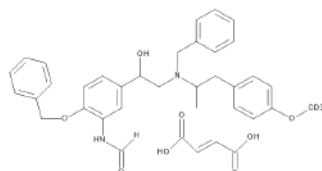
Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

Catalog number: C0277

CAS number: NA

Molecular formula: $C_{21}H_{25}N_2O_4D_3$

Molecular weight: 375.47 g/mol

FORMOTEROL-D3
FUMARATE
BENZILATE

Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

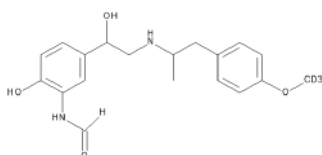
Catalog number: C0264

CAS number: NA

Molecular formula: $C_{19}H_{24}N_2O_4$

Molecular weight: 344.40 g/mol

FORMOTEROL-D3



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

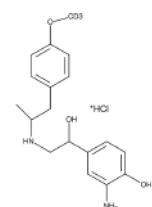
Catalog number: C0186

CAS number: NA

Molecular formula: $C_{19}H_{24}D_3N_2O_4$

Molecular weight: 347.42 g/mol

**FORMOTEROL IMPURITY
A-D3 HYDROCHLORIDE
(FORMOTEROL IMPURITY
A HYDROCHLORIDE
DEUTERATED)**



Formoterol is a long-acting β_2 agonist (LABA) used as a bronchodilator in the management of asthma and chronic obstructive pulmonary disease (COPD).

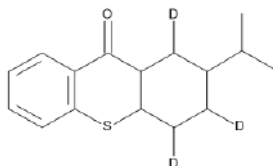
Catalog number: C0277

CAS number: NA

Molecular formula: $C_{18}H_{21}D_3N_2O_3 \cdot HCl$

Molecular weight: 392.32 g/mol

**2-ISOPROPYL-
THIOXANTHONE D3
(ITX-D3)**



2-Isopropylthioxanthone is a compound, which can play the role of a sulfur type photoinitiator in printing industries and UV-cured inks for food packaging materials.

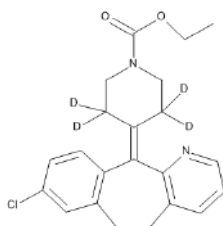
Catalog number: C0222

CAS number: 1832661-84-3

Molecular formula: $C_{16}D_3H_{11}OS$

Molecular weight: 257.36 g/mol

LORATADINE D4



Loratadine is a medication used to treat allergies. It acts as a selective antagonist of peripheral histamine H1 receptors.

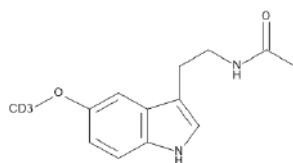
Catalog number: C0187

CAS number: 381727-27-1

Molecular formula: $C_{22}H_{19}D_4ClN_2O_2$

Molecular weight: 386.91 g/mol

MELATONIN D3



Melatonin is a hormone primarily released by the pineal gland at night, and has long been associated with control of the sleepwake cycle.

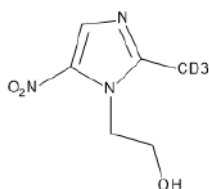
Catalog number: C0216

CAS number: 60418-64-6

Molecular formula: $C_{13}D_3H_{13}N_2O_2$

Molecular weight: 235.30 g/mol

METRONIDAZOLE-D3



Metronidazole, is an nitroimidazole antibiotic and antiprotozoal medication. It is used either alone or with other antibiotics to treat pelvic inflammatory disease, endocarditis, and bacterial vaginosis.

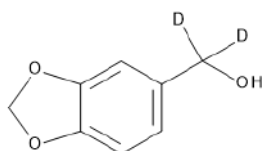
Catalog number: C0185

CAS number: 83413-09-6

Molecular formula: $C_6H_6D_3N_3O_3$

Molecular weight: 174.17 g/mol

**3,4-
(METHYLENEDIOXY)
BENZENE
METHANOL D-2**



It is a deuterated derivate of Piperonyl Alcohol that acts as an anti-oxidant on lipid peroxidation.

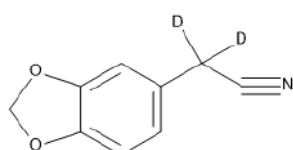
Catalog number: C0251

CAS number: 152089-64-0

Molecular formula: $C_8H_6D_2O_3$

Molecular weight: 154.16 g/mol

**3,4-
(METHYLENEDIOXY)
PHENYL
ACETONITRILE**



3,4-(methylenedioxy) phenyl acetonitrile was used in synthesis of derubone, a type of flavonoid.

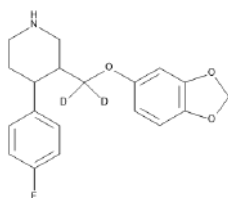
Catalog number: C0252

CAS number: NA

Molecular formula: $C_9H_5D_2NO_2$

Molecular weight: 163.17 g/mol

PAROXETINE D2



Paroxetine is an antidepressant of the selective serotonin reuptake inhibitor (SSRI) class. It is used to treat major depressive disorder and anxiety disorders.

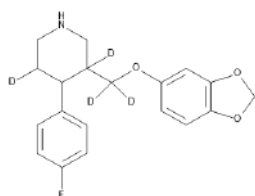
Catalog number: C0213

CAS number: NA

Molecular formula: $C_{19}H_{18}D_2FNO_3$

Molecular weight: 331.38 g/mol

PAROXETINE D4



Paroxetine is an antidepressant of the selective serotonin reuptake inhibitor (SSRI) class. It is used to treat major depressive disorder and anxiety disorders.

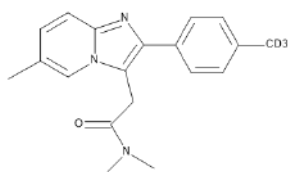
Catalog number: C0212

CAS number: NA

Molecular formula: $C_{19}H_{16}D_4FNO_3$

Molecular weight: 333.39 g/mol

ZOLPIDEM D3



Zolpidem is a nonbenzodiazepine Z drug which acts as a sedative and hypnotic. It works by increasing GABA effects in the central nervous system by binding to GABAA receptors at the same location as benzodiazepines.

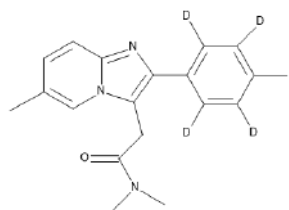
Catalog number: C0189

CAS number: 959605-58-4

Molecular formula: $C_{19}H_{18}D_3N_3O$

Molecular weight: 310.4 g/mol

ZOLPIDEM D4



Zolpidem is a nonbenzodiazepine Z drug which acts as a sedative and hypnotic. It works by increasing GABA effects in the central nervous system by binding to GABAA receptors at the same location as benzodiazepines.

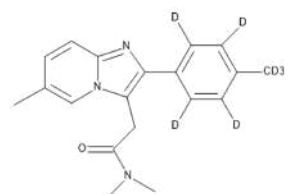
Catalog number: C0190

CAS number: 959605-71-1

Molecular formula: $C_{19}H_{17}D_4N_3O$

Molecular weight: 311.41 g/mol

ZOLPIDEM D7



Zolpidem is a nonbenzodiazepine Z drug which acts as a sedative and hypnotic. It works by increasing GABA effects in the central nervous system by binding to GABAA receptors at the same location as benzodiazepines.

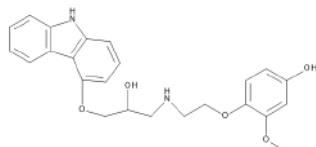
Catalog number: C0188

CAS number: 959605-75-5

Molecular formula: $C_{19}H_{14}D_7N_3O$

Molecular weight: 314.43 g/mol

METABOLITES

4-HYDROXYPHENYL
CARVEDILOL

Carvedilol is both a non-selective β -adrenergic receptor antagonist (β_1 , β_2) and an α -adrenergic receptor antagonist (α_1). It is indicated in the management of high blood pressure and congestive heart failure (CHF).

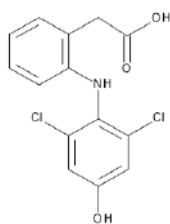
Catalog number: C0182

CAS number: 142227-49-4

Molecular formula: $C_{24}H_{26}N_2O_5$

Molecular weight: 422.47 g/mol

4-HYDROXY DICLOFENAC



4-hydroxy diclofenac is a nonsteroidal anti-inflammatory drug (NSAID) used to treat pain and inflammatory diseases.

NSAIDs work by inhibiting the activity of cyclooxygenase enzymes involved in the synthesis of key biological mediators, namely prostaglandins and thromboxanes.

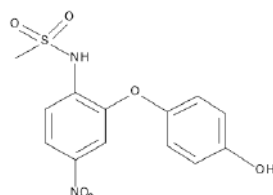
Catalog number: C0179

CAS number: 64118-84-9

Molecular formula: $C_{14}H_{11}Cl_2NO_3$

Molecular weight: 312.14 g/mol

4-HYDROXY NIMESULIDE



It's a biologically active metabolite of nimesulide. Nimesulide is a nonsteroidal anti-inflammatory drug (NSAID) used to treat pain and inflammatory diseases. NSAIDs work by inhibiting the activity of cyclooxygenase enzymes involved in the synthesis of key biological mediators, namely prostaglandins and thromboxanes.

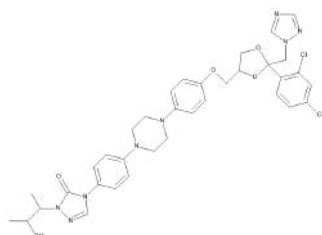
Catalog number: C0178

CAS number: 109032-22-6

Molecular formula: $C_{13}H_{12}N_2O_6S$

Molecular weight: 324.31 g/mol

HYDROXY ITRACONAZOLE



Hydroxy itraconazole is a metabolite of Itraconazole, an orally active antimycotic structurally related to Ketoconazole. It inhibits the fungal-mediated synthesis of ergosterol, via inhibition of lanosterol 14 α -demethylase.

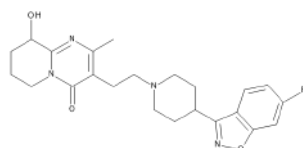
Catalog number: C0180

CAS number: 112559-91-8

Molecular formula: $C_{35}H_{39}Cl_2N_9O_5$

Molecular weight: 721.63 g/mol

9-HYDROXY RISPERIDONE



9-hydroxy risperidone is an active metabolite of risperidone. Risperidone is an atypical antipsychotic used to treat schizophrenia and bipolar disorder. It is an antagonist of the D1 as well as the D2 family receptors, and also against serotonin receptors.

Catalog number: C0181

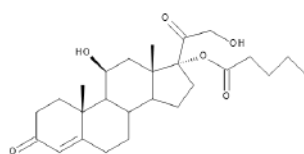
CAS number: 144598-75-4

Molecular formula: $C_{23}H_{27}FNO_5$

Molecular weight: 426.68 g/mol

OTHER COMPOUNDS

HYDROCORTISONE- 17-VALERATE



Hydrocortisone 17-Valerate is a derivative of Hydrocortisone, a pharmaceutical term for cortisol, a glucocorticoid.

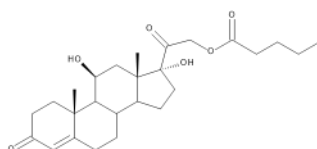
Catalog number: C0265

CAS number: 57524-89-7

Molecular formula: $C_{26}H_{38}O_6$

Molecular weight: 446.58 g/mol

HYDROCORTISONE- 21-VALERATE



Hydrocortisone 21-Valerate is a derivative of Hydrocortisone a steroid hormone, a glucocorticoid.

Catalog number: C0266

CAS number: 6678-00-8

Molecular formula: $C_{26}H_{38}O_6$

Molecular weight: 446.58 g/mol

Chimete works in full respect of the customer's privacy and timing.

Our consolidated team guarantees speed and competence to those who rely on us; thanks to our know-how and the recent commercial agreement with Amitahc, the results offered are always of great quality.

The collaboration with our customers allows us to guarantee a personalized treatment to each of them. For more information, questions or curiosities, do not hesitate to contact us:



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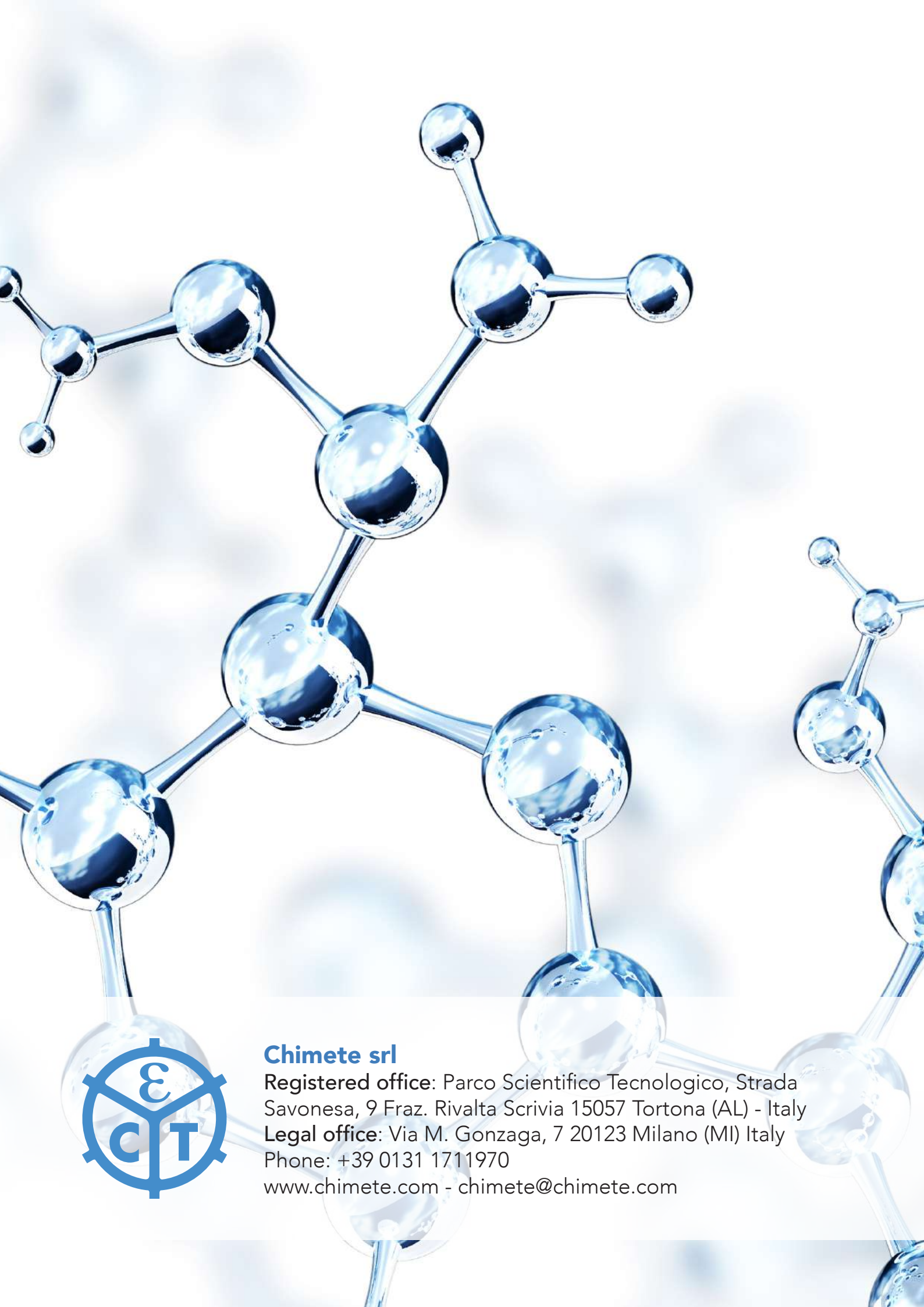
Registered office: Parco Scientifico Tecnologico, Strada Savonesa, 9 Fraz. Rivalta Scrivia 15057 Tortona (AL) - Italy

Legal office: Via M. Gonzaga, 7 20123 Milano (MI) Italy

Phone: +39 0131 1711970

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