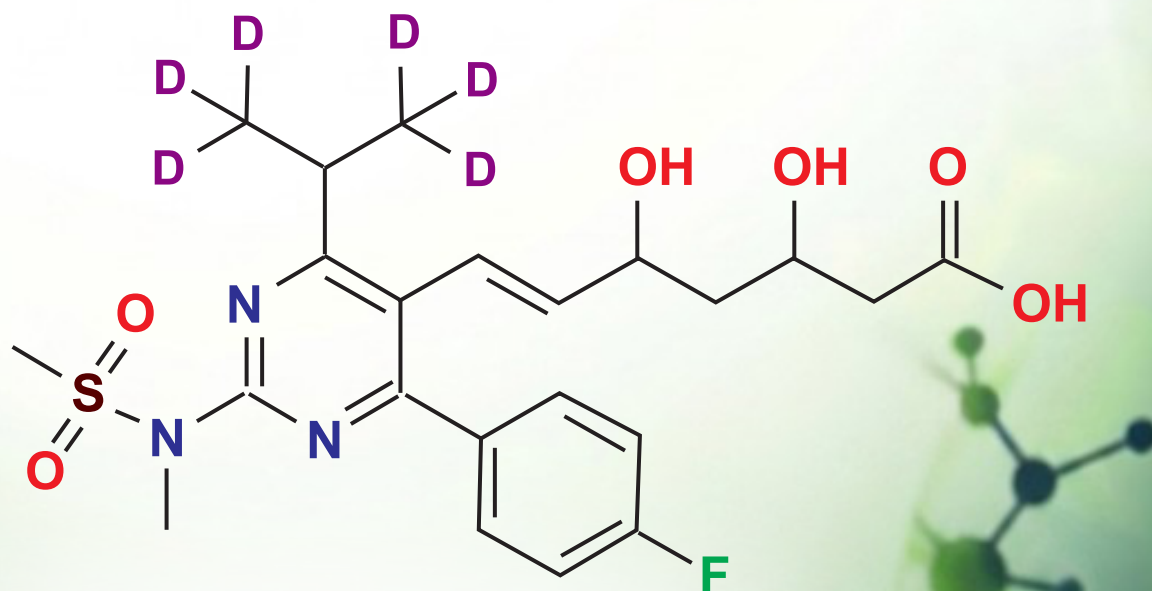




Chemicea Pharmaceuticals Pvt Ltd.



STABLE ISOTOPE STANDARDS

PRECISION STANDARDS FOR RELIABLE BIOANALYSIS



60+
COUNTRIES
SERVED



2,000 +
SATISFIED
CUSTOMERS



HIGH PURITY
& PREMIUM
QUALITY



RELIABLE
DOCUMENTATION



DEDICATED
TECHNICAL
SUPPORT

The Trusted Choice for Stable Isotope Labelled Compounds



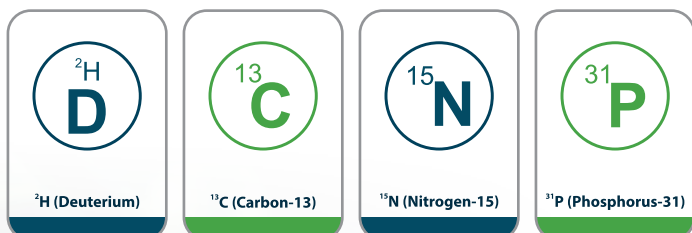
About CHEMICEA

Chemicea Pharmaceuticals Pvt. Ltd. is a leading manufacturer of Stable Isotope Labelled Standards, Pharmaceutical Reference Standards, Metabolites, Nitrosamine Impurities and Glucuronides. We primarily support pharmaceutical companies, CROs, BA/BE centres and bioanalytical laboratories with high-purity isotope-labelled compounds for method development, bioanalytical validation, pharmacokinetic studies and clinical research. Serving 60+ countries and over 2,000 customers, Chemicea combines technical expertise, consistent quality and dependable global supply.

STABLE ISOTOPE LABELLED COMPOUNDS

Precision • Accuracy • Confidence

Stable isotope-labelled (SIL) compounds are chemically identical to their native counterparts, distinguished only by the replacement of selected atoms with non-radioactive isotopes such as Deuterium ($^2\text{H/D}$), Carbon-13 (^{13}C), Nitrogen-15 (^{15}N), and Phosphorus-31 (^{31}P). While their chemical and biological behaviour remains unchanged, the added mass enables precise differentiation by LC-MS/MS, making them the preferred internal standards for accurate quantitative bioanalysis. Unlike radioactive isotopes, SIL compounds are safe to handle, chemically stable, and suitable for routine laboratory use.



Why Stable Isotopes?



Superior analytical accuracy

Minimizes variability and improves data quality



Excellent correction for matrix effects

Compensates for ion suppression/enhancement



Improved extraction recovery

Accounts for losses during sample processing



Compensation for sample preparation variability

Ensures consistent and reliable results



Enhanced reproducibility

Improves precision across analytical runs



Reliable LC-MS/MS quantification

Ideal for quantitative bioanalysis



Increased confidence in regulatory submissions

Meets global regulatory expectations

APPLICATIONS



Bioanalytical Studies

Internal standards for LC-MS/MS bioanalysis.



BA/BE Studies

Reliable quantification for pharmacokinetic studies.



Pharmacokinetic (PK) Studies

Evaluation of ADME.



Drug Metabolism

Metabolite identification and characterization.



Clinical Research

Biomarker quantification and assay development.



Pharmaceutical R&D

Method development, validation and impurity profiling.

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja - MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Moxonidine-d3

Identification:

Chemical Name: N-(4-chloro-6-(methoxy-d3)-2-methylpyrimidin -5-yl)imidazolidin -2-imine

Synonyms : NA

CAS Number : NA

CAT Number : CRIL0204

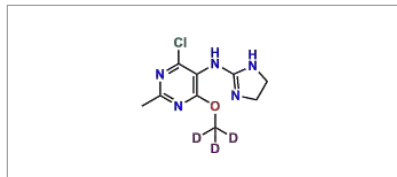
Molecular Formula : C9H9ClN5OD3

Molecular Weight : 244.72

Batch Number : CPMOND3-0526

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.88%
5)	¹ H NMR	Confirm to structure

Prepared and Reviewed By

Approved By



Mr. Shubham Bondre
(Quality Control)



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.

EVERY PRODUCT COMES WITH COMPREHENSIVE COA



Identity Confirmation



NMR Verification



LC-MS/MS Data



Molecular Information



HPLC Purity



Storage Conditions



Additional analytical testing available upon request.



WHY CHOOSE CHEMICEA?

- ✓ Custom synthesis expertise
- ✓ High isotopic enrichment (Above 98-99%)
- ✓ High chemical purity (By HPLC : above 98%)
- ✓ d0 /Parent API interference is Zero
- ✓ Reliable documentations
- ✓ Competitive lead times
- ✓ Confidentiality
- ✓ Dedicated technical support

OUR CAPABILITIES

- API Stable Isotopes
- Deuterated, ¹³C, ¹⁵N Standards
- Nitrosamine Isotope-labelled Impurities
- Metabolites & Glucuronides
- Custom Synthesis

INDUSTRIES WE SERVE

CRO-Clinical
Research
Organizations

Bioanalytical
Laboratories

Pharmaceutical
Companies

Biotechnology
Companies

Academic &
Research
Institutes

Clinical
Research
Organizations

Drug
Discovery
Laboratories

Product Portfolio

- 13C6-Dabigatran
- 15 Hydroxy Lubiprostone D4
- 20-alpha Dihydrogesterone D4
- 4-Hydroxy Propranolol D7
- 5-Hydroxy Saxagliptin D
- Abemaciclib D8
- Abiraterone D4
- Acamprosate D3
- Amlodipine D4
- Amoxicillin D4
- Apalutamide D7
- Apremilast D5
- Aprepitant D4
- Atorvastatin D5
- Baclofen D4
- Bilastine D6
- Bisoprolol D5
- Bupropion D9
- Cefixime 13C15N2
- Celecoxib D7
- Choline D9 Chloride
- Clopidogrel D3
- Darifenacin Hydrobromide D4
- Dextromethorphan D3
- Dipyridamole D20
- Donepezil Hydrochloride D7
- Doxorubicin 13C D3
- Doxylamine D5
- Dutasteride 13C6
- Edoxaban D6
- Eltrombopag 13C4
- Empagliflozin D4
- Emtricitabine 15N D2
- Equilin D4
- Erlotinib D6
- Erlotinib HCl 13C6
- Ethinyl Estradiol D4
- Etoricoxib D4
- Ezetimibe D4
- Ezetimibe Phenoxy Glucuronide D4
- Fulvestrant D5
- Gabapentin D6
- Glimepiride D4
- Hydralazine D4
- Hydrochlorothiazide 13C15N D2
- Hydrocortisone D4
- Hydroxy Itraconazole D8
- Irbesartan D4
- Isosorbide 13C6-2 Mononitrate
- Itraconazole D9
- Ivabradine D6
- Lamivudine 13C15N2D2
- Letrozole D4
- Levothyroxine D3
- Lidocaine D10
- Linagliptin D4
- Lisinopril D5
- Loratadine D5
- Losartan D4 Carboxylic Acid
- Macitentan D4
- Mesalamine D3
- Methylprednisolone D4
- Metronidazole Hydrochloride D4
- Moxonidine D3
- N-Desmethyl Ivabradine D6
- N-Desmethyl Sildenafil D8
- Naloxone D5
- Naproxen 13C D3
- Naproxen D3
- Nilotinib D6
- Nintedanib D3
- Nitrofurantoin 13C3
- Omeprazole 13C D3
- Palbociclib D8
- Paliperidone D4
- Pantoprazole D3
- Perindopril D4
- Perindoprilat D4
- Prednisolone D6
- Progesterone D9
- Propafenone D7
- Pyridoxine 5-Phosphate D3
- Relugolix D6
- Rifampicin D4
- Rifampicin D8
- Rilpivirine D6
- Risedronic Acid D4
- Risperidone D4
- Rivaroxaban D4
- Rizatriptin D6
- Rosuvastatin D6
- Semaglutide D15
- Semaglutide D5
- Semaglutide D8
- Sildenafil D3
- Simvastatin D6
- Sitagliptin D4 HCl
- Solifenacin D5
- Sunitinib D10
- Tedizolid 13C D3
- Tenofovir D6
- Threo Hydro Bupropion D9
- Tioprozin D3
- Tofacitinib 13C3
- Tolvaptan D7
- Tranexamic Acid 13C6
- Tuccatinib D6
- Valsartan D9
- Vonoprazan D4
- Vortioxetine D8
- N-Nitrosodimethylamine D6
- N-Nitroso N-Desethyl Amiodarone D4
- N-Nitroso-Carvedilol D6
- N-Nitrosopseudoephedrine D3
- N-Nitroso Fluoxetine D5
- N-Nitroso Duloxetine D3
- N,N-Didemethyl-N-Methyl(13CD3)-N-Nitroso Clarithromycin
- N-Nitroso Metamizole EP Impurity C D3
- N-Nitroso Meglumine D3
- N-Nitroso Pramipexole D5
- Sitagliptin Nitroso Impurity D4
- N-Nitrosodiethylamine D10
- N-Nitroso-N-Methyl-4-Aminobutyric Acid D3
- N-Nitrosodiisopropylamine D14
- N-Nitroso-Desloratadine D4

PACKAGING

- High-quality glass vials; different vial types are used depending on the nature of the product
- Special packaging for temperature-sensitive products



Amber vial V shape
(1 mg – 10 mg)



Amber vial U shape
(10 mg – 100 mg)



Amber Vial regular
(100 mg)

- N-Nitrosodibutylamine D18
- N-Nitrosopiperidine D10
- N-Nitroso-Rasagiline D5
- N-Nitroso-N-Desmethyl-Dextromethorphan D3
- N-Nitroso Pyrantel EP Impurity B D3
- (4S)-Pregabalin Amide Lactose Adduct
- Amlodipine Glucose + Galactose Adduct
- Amlodipine Mannitol Adduct
- Amlodipine N-Lactoside/Amlodipine Lactose Adduct
- Beclometasone Dipropionate Glycerol Adduct Impurity
- Bumetanide Lactose Adduct
- Bumetanide Lactose Adduct Impurity
- Dorzolamide Aspartic Acid Adduct
- Fluoxetine Lactose Adduct
- Gabapentin Lactose Adduct
- Gliclazide Lactose Adduct
- Isoniazid Acetone Adduct
- Palbociclib Malic Acid Adduct
- Pyridoxine Citric Acid Adduct
- Salbutamol Ambroxol Adduct
- Salbutamol Guaiphenesin Adduct
- Selexipag Glycine Adduct
- Tamsulosin Glucose Adduct

Contact :

Chemicea Pharmaceuticals Pvt. Ltd.

Platinum Springs, Unit No. A-205 & 206, Second Floor,
Taloja MIDC, Opp. Dena Bank, Navi Mumbai 410208, India

Email: cro@chemicea.com

Website: www.chemicea.com / Phone: +91 9653335045