

Clencyclohexerol-D10

Chemical Properties

CAS No. : 1346599-61-8

Formula: C₁₄H₂₀Cl₂N₂O₂

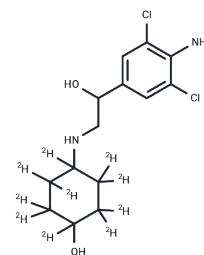
Molecular Weight: 329.29

Storage:

Keep away from moisture, Keep away from direct sunlight, Store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Clencyclohexerol-D10 is a deuterated Clencyclohexerol (T71931) and is an isotopic marker for lencyclohexerol. Clencyclohexerol-D10 is a β -agonist and growth promoter in animals.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (30.37 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0368 mL	15.1842 mL	30.3684 mL
5 mM	0.6074 mL	3.0368 mL	6.0737 mL
10 mM	0.3037 mL	1.5184 mL	3.0368 mL
50 mM	0.0607 mL	0.3037 mL	0.6074 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.

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