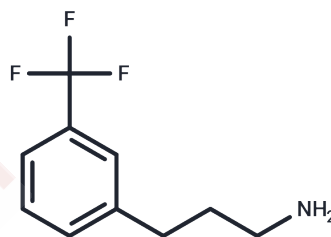


Cinacalcet metabolite M4

Chemical Properties

CAS No. :	104774-87-0
Formula:	C ₁₀ H ₁₂ F ₃ N
Molecular Weight:	203.2
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Cinacalcet metabolite M4 (Rarechem AL BW 1078) is a metabolite of Cinacalcet. Cinacalcet is an allosteric agonist of Ca receptor.
Targets(IC50)	Calcium Channel, Drug Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (270.67 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	4.9213 mL	24.6063 mL	49.2126 mL
5 mM	0.9843 mL	4.9213 mL	9.8425 mL
10 mM	0.4921 mL	2.4606 mL	4.9213 mL
50 mM	0.0984 mL	0.4921 mL	0.9843 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

- Kumar GN, et al. Metabolism and disposition of calcimimetic agent cinacalcet HCl in humans and animal models. Drug Metab Dispos. 2004 Dec;32(12):1491-500.
- Bushinsky DA, et al. Effect of cinacalcet on urine calcium excretion and supersaturation in genetic hypercalciuric stone-forming rats. Kidney Int. 2006 May;69(9):1586-92.

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