

SB-423562

Chemical Properties

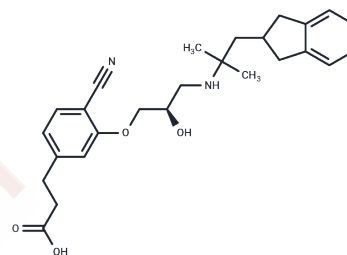
CAS No. : 351490-27-2

Formula: C₂₆H₃₂N₂O₄

Molecular Weight: 436.54

Storage: 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	SB-423562 is a calcium-sensing receptor (CaSR) antagonist and can be used in studies about osteoporosis.
Targets(IC50)	CaSR

Solubility Information

Solubility	DMSO: 4.5 mg/mL (10.31 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	2.2907 mL	11.4537 mL	22.9074 mL
5 mM	0.4581 mL	2.2907 mL	4.5815 mL
10 mM	0.2291 mL	1.1454 mL	2.2907 mL
50 mM	0.0458 mL	0.2291 mL	0.4581 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 S, et al. An orally active calcium-sensing receptor antagonist that transiently increases plasma concentrations of PTH and stimulates bone formation. Bone. 2010 Feb;46(2):534-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481