

SB-423562

Chemical Properties

CAS No.:	351490-27-2
Formula:	C ₂₆ H ₃₂ N ₂ O ₄
Molecular Weight:	436.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	SB-423562 is a short-acting antagonist of calcium-sensing receptor (CaR).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 5 mg/mL (11.45 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.291 mL	11.454 mL	22.907 mL
5 mM	0.458 mL	2.291 mL	4.581 mL
10 mM	0.229 mL	1.145 mL	2.291 mL
50 mM	0.046 mL	0.229 mL	0.458 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481