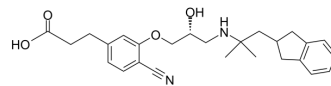


SB-423562

Cat. No.:	HY-15105		
CAS No.:	351490-27-2		
Molecular Formula:	C ₂₆ H ₃₂ N ₂ O ₄		
Molecular Weight:	436.54		
Target:	CaSR		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 5 mg/mL (11.45 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	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	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1 mg/mL (2.29 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (2.29 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	SB-423562 is a short-acting calcium-sensing receptor (CaR) antagonist. SB-423562 has the potential for osteoporosis research.
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REFERENCES

[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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA