

B 581

Chemical Properties

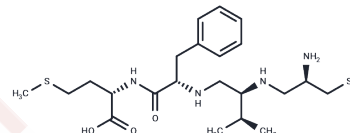
CAS No. : 149759-96-6

Formula: C₂₂H₃₈N₄O₃S₂

Molecular Weight: 470.69

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	B 581 is an inhibitor that specifically blocks farnesylated.
Targets(IC50)	Others,Transferase

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1245 mL	10.6227 mL	21.2454 mL
5 mM	0.4249 mL	2.1245 mL	4.2491 mL
10 mM	0.2125 mL	1.0623 mL	2.1245 mL
50 mM	0.0425 mL	0.2125 mL	0.4249 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

Cox AD, Garcia AM, Westwick JK, Kowalczyk JJ, Lewis MD, Brenner DA, Der CJ. The CAAX peptidomimetic compound B581 specifically blocks farnesylated, but not geranylgeranylated or myristylated, oncogenic ras signaling and transformation. J Biol Chem. 1994 Jul 29;269(30):19203-6. PubMed PMID: 8034681.

Garcia AM, Rowell C, Ackermann K, Kowalczyk JJ, Lewis MD. Peptidomimetic inhibitors of Ras farnesylation and function in whole cells. J Biol Chem. 1993 Sep 5;268(25):18415-8. PubMed PMID: 8360140.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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:34 Washington Street,Wellesley Hills,MA 02481