

L-739750 2HCl

Chemical Properties

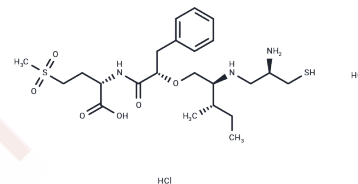
CAS No. :

Formula: C₂₃H₄₁Cl₂N₃O₆S₂

Molecular Weight: 590.62

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	L-739750 2HCl is a potent inhibitor of peptidomimetic farnesyltransferase, a novel pseudopeptide mimetic with potential anticancer activity.
Targets(IC50)	Transferase

Solubility Information

Solubility	DMSO: 50 mg/mL (84.66 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	1.6931 mL	8.4657 mL	16.9314 mL
5 mM	0.3386 mL	1.6931 mL	3.3863 mL
10 mM	0.1693 mL	0.8466 mL	1.6931 mL
50 mM	0.0339 mL	0.1693 mL	0.3386 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

Kohl NE, et al. Protein farnesyltransferase inhibitors block the growth of ras-dependent tumors in nude mice. Proc Natl Acad Sci U S A. 1994 Sep 13;91(19):9141-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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