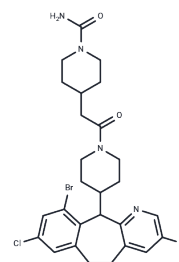


(Rac)-Lonafarnib

Chemical Properties

CAS No. :	193275-86-4
Formula:	C ₂₇ H ₃₁ Br ₂ ClN ₄ O ₂
Molecular Weight:	638.82
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	(Rac)-Lonafarnib (Sch66336 racemate) is the racemic form of the potent, orally active farnesyl transferase (FTase) inhibitor, Lonafarnib. It effectively inhibits H-ras, K-ras, and N-ras with IC ₅₀ values of 1.9 nM, 5.2 nM, and 2.8 nM, respectively, and exhibits activities against the hepatitis delta virus (HDV).
Targets(IC ₅₀)	Others, Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5654 mL	7.8269 mL	15.6539 mL
5 mM	0.3131 mL	1.5654 mL	3.1308 mL
10 mM	0.1565 mL	0.7827 mL	1.5654 mL
50 mM	0.0313 mL	0.1565 mL	0.3131 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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