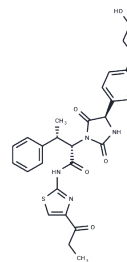


RO4927350

Chemical Properties

CAS No. : 876755-27-0
 Formula: C27H28N4O6S
 Molecular Weight: 536.6
 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	RO4927350 is a potent and highly selective non-ATP-competitive MEK1/2 inhibitor. RO4927350 selectively blocks the MAPK pathway signaling both in vitro and in vivo, which results in significant antitumor efficacy in a broad spectrum of tumor models. RO4927350 inhibits not only ERK1/2 but also MEK1/2 phosphorylation. In cancer cells, high basal levels of phospho-MEK1/2 rather than phospho-ERK1/2 seem to correlate with greater sensitivity to RO4927350. Furthermore, RO4927350 prevents a feedback increase in MEK phosphorylation, which has been observed with other MEK inhibitors. RO4927350 represents a novel therapeutic modality in cancers with aberrant MAPK pathway activation.
Targets(IC50)	Others,MEK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8636 mL	9.3179 mL	18.6359 mL
5 mM	0.3727 mL	1.8636 mL	3.7272 mL
10 mM	0.1864 mL	0.9318 mL	1.8636 mL
50 mM	0.0373 mL	0.1864 mL	0.3727 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

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

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