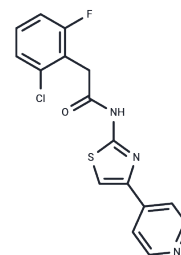


ROCK-IN-5

Chemical Properties

CAS No. :	692870-25-0
Formula:	C ₁₆ H ₁₁ ClFN ₃ O ₃
Molecular Weight:	347.79
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	ROCK-IN-5 (compound I-B-37) is a potent inhibitor of protein kinases, including ROCK, ERK, GSK, and AGC, with potential applications in cardiac, proliferative, and neurodegenerative disease research.
Targets(IC50)	ERK,GSK-3,ROCK

Solubility Information

Solubility	DMSO: 9 mg/mL (25.88 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	2.8753 mL	14.3765 mL	28.753 mL
5 mM	0.5751 mL	2.8753 mL	5.7506 mL
10 mM	0.2875 mL	1.4376 mL	2.8753 mL
50 mM	0.0575 mL	0.2875 mL	0.5751 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

Jingrong Cao, et al. Compositions useful as inhibitors of rock and other protein kinases. WO2004041813A1.

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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