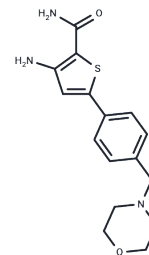


TAK1-IN-3

Chemical Properties

CAS No. :	494772-87-1
Formula:	C ₁₆ H ₁₉ N ₃ O ₂ S
Molecular Weight:	317.41
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	TAK1-IN-3 is a novel ATP-competitive TAK1 inhibitor for the study of cancer.
Targets(IC ₅₀)	MAPK

Solubility Information

Solubility	DMSO: 80 mg/mL (252.04 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	3.1505 mL	15.7525 mL	31.505 mL
5 mM	0.6301 mL	3.1505 mL	6.301 mL
10 mM	0.315 mL	1.5752 mL	3.1505 mL
50 mM	0.063 mL	0.315 mL	0.6301 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

AstraZeneca A.B, et al. Preparation of ureido-carboxamido thiophenes as inhibitors of IKK2 kinase. WO2003010158 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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