

AM-1430

Chemical Properties

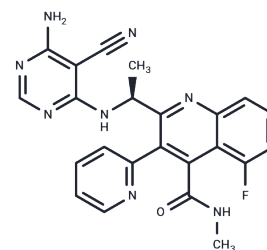
CAS No. :

Formula: C₂₃H₁₉FN₈O

Molecular Weight: 442.46

Appearance: no data available

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



Biological Description

Description	AM-1430 is a potent and selective PI3K δ inhibitor. AM-1430 has cellular potency: pAKT IC ₅₀ = 0.8 nM; HWB,u (pAKT) IC ₅₀ = 7.7 nM. Rat KLH: IgG ED ₅₀ = 0.016 mg/kg; IhM ED ₅₀ = 0.015 mg/kg. Rat PK Clu = 1.7 L/hr/kg.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2601 mL	11.3005 mL	22.6009 mL
5 mM	0.452 mL	2.2601 mL	4.5202 mL
10 mM	0.226 mL	1.130 mL	2.2601 mL
50 mM	0.0452 mL	0.226 mL	0.452 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.

Reference

Gonzalez-Lopez de Turiso F, Hao X, Shin Y, et al. Discovery and in Vivo Evaluation of the Potent and Selective PI3K δ Inhibitors 2-((1S)-1-((6-Amino-5-cyano-4-pyrimidinyl)amino)ethyl)-6-fluoro-N-methyl-3-(2-pyridinyl)-4-

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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