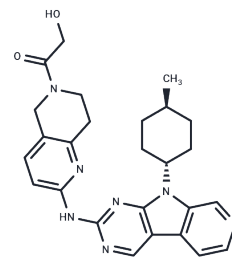


AMG 925

Chemical Properties

CAS No. :	1401033-86-0
Formula:	C ₂₆ H ₂₉ N ₇ O ₂
Molecular Weight:	471.55
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	AMG 925 is a potent and orally bioavailable dual FLT3/CDK4 inhibitor with IC ₅₀ of 1 nM and 3 nM, respectively.
Targets(IC ₅₀)	FLT,CDK

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), Ethanol: < 1 mg/mL (insoluble) 0.1M HCl: 0.78 mg/mL (1.65 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	2.1207 mL	10.6033 mL	21.2067 mL
5 mM	0.4241 mL	2.1207 mL	4.2413 mL
10 mM	0.2121 mL	1.0603 mL	2.1207 mL
50 mM	0.0424 mL	0.2121 mL	0.4241 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

Xiaoqi Chen, et al. Fused tricyclic dual inhibitors of cdk 4/6 and flt3. WO 2012129344 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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