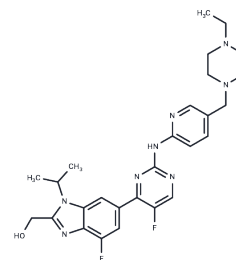


Abemaciclib metabolite M20

Chemical Properties

CAS No. :	2138499-06-4
Formula:	C ₂₇ H ₃₂ F ₂ N ₈ O
Molecular Weight:	522.59
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	Abemaciclib metabolite M20 (CDK4/6-IN-4) is an active metabolite of Abemaciclib. Abemaciclib metabolite M20 is a selective CDK4/6 inhibitor and can be used for researches on the treatment of cancer.
Targets(IC50)	CDK

Solubility Information

Solubility	DMSO: 4.5 mg/mL (8.61 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	1.9135 mL	9.5677 mL	19.1355 mL
5 mM	0.3827 mL	1.9135 mL	3.8271 mL
10 mM	0.1914 mL	0.9568 mL	1.9135 mL
50 mM	0.0383 mL	0.1914 mL	0.3827 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

Richard Paul Beckmann, et al. Combination therapy with notch and cdk4/6 inhibitors for the treatment of cancer. WO2017180389A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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