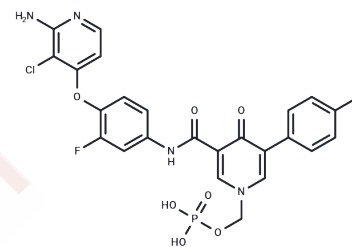


BMS817378

Chemical Properties

CAS No. : 1174161-69-3
 Formula: C₂₄H₁₈ClF₂N₄O₇P
 Molecular Weight: 578.85
 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	BMS817378 is a potent and selective inhibitor of MET(IC ₅₀ : 1.7 nM).
Targets(IC ₅₀)	c-Met/HGFR, VEGFR

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 5.79 mg/mL (10 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	1.7276 mL	8.6378 mL	17.2756 mL
5 mM	0.3455 mL	1.7276 mL	3.4551 mL
10 mM	0.1728 mL	0.8638 mL	1.7276 mL
50 mM	0.0346 mL	0.1728 mL	0.3455 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

R, Borzilleri, and, et al. 96 Discovery of BMS-817378: a novel prodrug of the dual Met/VEGFR-2 inhibitor BMS-794833[J]. European Journal of Cancer Supplements, 2010.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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