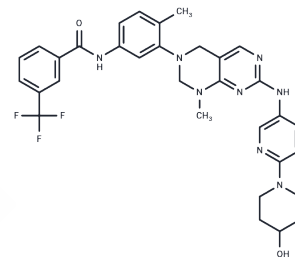


## XMU-MP-2

## Chemical Properties

CAS No. :	2031152-10-8
Formula:	C32H33F3N8O2
Molecular Weight:	618.65
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	XMU-MP-2 is a potent and selective protease inhibitor with anticancer activity that inhibits the growth of oncogenic BRK-driven tumors in a mouse xenograft model.
Targets(IC50)	BTK,Protease

## Solubility Information

Solubility	DMSO: 50 mg/mL (80.82 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	1.6164 mL	8.0821 mL	16.1642 mL
5 mM	0.3233 mL	1.6164 mL	3.2328 mL
10 mM	0.1616 mL	0.8082 mL	1.6164 mL
50 mM	0.0323 mL	0.1616 mL	0.3233 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

Jiang J,et al. Targeting BRK-Positive Breast Cancers with Small-Molecule Kinase Inhibitors. Cancer Res. 2017 Jan 1; 77(1):175-186.

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