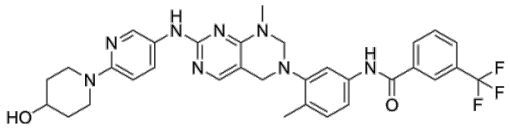
Product Data Sheet

Product Name: XMU-MP-2
Cat. No.: GC72930

Chemical Properties

Cas. No.	2031152-10-8		
Formula	$C_{32}H_{33}F_3N_8O_2$	M.Wt	618.65
Solubility	DMSO : 50 mg/mL (80.82 mM; Need ultrasonic and warming)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

XMU-MP-2 is a BRK inhibitor with significant inhibitory activity on BRK-positive cells. XMU-MP-2 inhibits oncogenic BRK-driven tumor growth in a mouse xenograft model. XMU-MP-2 also synergizes with HER2 inhibitors or endoplasmic reticulum (ER) blockade to exert antiproliferative activity.

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

Caution: Product has not been fully validated for medical applications. For research use only.
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