

Product Data Sheet

Product Name: XMU-MP-2

Cat. No.: GC72930

Chemical Properties

Cas. No. 2031152-10-8

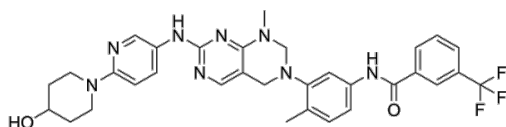
Formula $C_{32}H_{33}F_3N_8O_2$ M.Wt 618.65

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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