

Product Data Sheet

Product Name: XMU-MP-3

Cat. No.: GC39825

Chemical Properties

Cas. No. 2031152-08-4

SMILES O=C(NC1=CC=C(C)C(N2CC3=CN=C(NC4=CC(C)=NN4C)N=C3N(C)C2)=C1)C5=CC=CC(C(F)(F)F)=C5

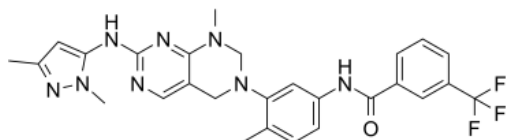
Formula C27H27F3N8O M.Wt 536.55

Solubility Soluble in DMSO Storage Store at -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-3 is a potent non-covalent BTK inhibitor with IC₅₀s of 10.7 nM and 17.0 nM for BTK WT and BTK C481S mutation in the presence of 10 μM ATP, respectively. XMU-MP-3 also induces apoptosis[1].

[1]. Fu Gui, et al. A Non-Covalent Inhibitor XMU-MP-3 Overrides Ibrutinib-Resistant Btk C481S Mutation in B-cell Malignancies. Br J Pharmacol. 2019 Dec;176(23):4491-4509.

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

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