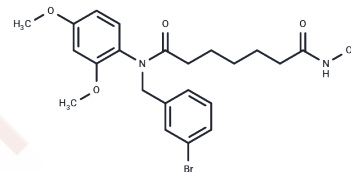


YF479

Chemical Properties

CAS No. : 1803281-22-2
 Formula: C₂₂H₂₇BrN₂O₅
 Molecular Weight: 479.36
 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	YF479 is an inhibitor of histone deacetylase that acts by inhibiting breast tumor growth, metastasis, and recurrence.
Targets(IC50)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0861 mL	10.4306 mL	20.8611 mL
5 mM	0.4172 mL	2.0861 mL	4.1722 mL
10 mM	0.2086 mL	1.0431 mL	2.0861 mL
50 mM	0.0417 mL	0.2086 mL	0.4172 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

Zhang T, Chen Y, Li J, Yang F, Wu H, Dai F, Hu M, Lu X, Peng Y, Liu M, Zhao Y, Yi Z. Antitumor action of a novel histone deacetylase inhibitor, YF479, in breast cancer. *Neoplasia*. 2014 Aug;16(8):665-77. doi: 10.1016/j.neo.2014.07.009. PubMed PMID: 25220594; PubMed Central PMCID: PMC4234873.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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