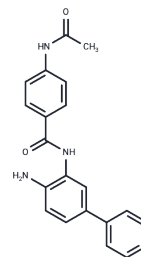


BRD2492

Chemical Properties

CAS No. : 1821669-43-5
 Formula: C₂₀H₁₈N₄O₂
 Molecular Weight: 346.38
 Storage: Store at low temperature
 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	BRD2492 is a selective and potent dual inhibitor of HDAC1 and HDAC2 with potential anticancer, antitumour and antiproliferative activities, inhibiting HDAC1/2, HDAC3 and HDAC6. BRD2492 inhibits the growth of breast cancer cell lines and induces apoptosis.
Targets(IC50)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.887 mL	14.435 mL	28.870 mL
5 mM	0.5774 mL	2.887 mL	5.774 mL
10 mM	0.2887 mL	1.4435 mL	2.887 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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

Linda Schäker-Hübner, et al. Balancing Histone Deacetylase (HDAC) Inhibition and Drug-likeness: Biological and Physicochemical Evaluation of Class I Selective HDAC Inhibitors. ChemMedChem. 2022 May 4;17(9):e202100755.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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