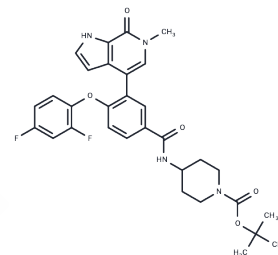


BRD4 Inhibitor-31

Chemical Properties

CAS No. :	1446233-35-7
Formula:	C ₃₁ H ₃₂ F ₂ N ₄ O ₅
Molecular Weight:	578.61
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	BRD4 Inhibitor-31 (Example 136), with inhibition constants (K_i s) of 0.234 μ M and 0.295 μ M for BRD4 BD1 and BRD4 BD2 respectively, serves as a BRD4 inhibitor. It is utilized in the research of inflammatory diseases, cancer, and AIDS [1].
Targets(IC ₅₀)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7283 mL	8.6414 mL	17.2828 mL
5 mM	0.3457 mL	1.7283 mL	3.4566 mL
10 mM	0.1728 mL	0.8641 mL	1.7283 mL
50 mM	0.0346 mL	0.1728 mL	0.3457 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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