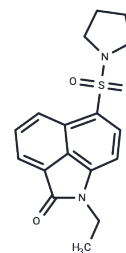


BRD4-IN-4

Chemical Properties

CAS No. :	304685-40-3
Formula:	C17H18N2O3S
Molecular Weight:	330.4
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-IN-4 is a selective BRD4 inhibitor with an IC50 value of 6.83 μ M for BRD4. BRD4-IN-4 selectively inhibits the proliferation of the MV4-11 cell line and arrests the cells in G1 phase. BRD4-IN-4 can be used to study MLL leukemias.
Targets(IC50)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 45 mg/mL (136.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0266 mL	15.1332 mL	30.2663 mL
5 mM	0.6053 mL	3.0266 mL	6.0533 mL
10 mM	0.3027 mL	1.5133 mL	3.0266 mL
50 mM	0.0605 mL	0.3027 mL	0.6053 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

Feng Y, et al. Design, synthesis and biological evaluation of benzo[cd]indol-2(1H)-ones derivatives as BRD4 inhibitors. Eur J Med Chem. 2018;152:264-273.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481