

CDD-1102 HCl

Chemical Properties

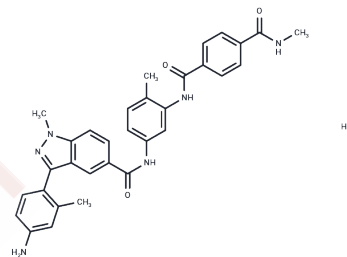
CAS No. :

Formula: C₃₂H₃₁ClN₆O₃

Molecular Weight: 583.08

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	CDD-1102 HCl is a novel BRDT-BD4 / BRD2-BD1302 selective inhibitor that shows non-hormonal contraceptive potential in ex vivo experiments.
Targets(IC50)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 50 mg/mL (85.75 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	1.715 mL	8.5752 mL	17.1503 mL
5 mM	0.343 mL	1.715 mL	3.4301 mL
10 mM	0.1715 mL	0.8575 mL	1.715 mL
50 mM	0.0343 mL	0.1715 mL	0.343 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

Yu Z, et al. Discovery and characterization of bromodomain 2-specific inhibitors of BRDT. Proc Natl Acad Sci U S A. 2021;118(9):e2021102118.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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