

DN02

Chemical Properties

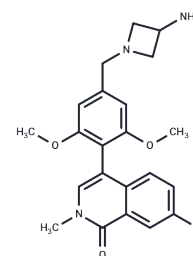
CAS No. :

Formula: C₂₂H₂₄FN₃O₃

Molecular Weight: 397.44

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	DN02 is a selective and efficient probe for the bromodomain of BRD8. DN02 has an affinity for BRD8 (1) and BRD8 (2).
Targets(IC50)	Others, Epigenetic Reader Domain
In vitro	DN02 has (1 nM-100 μM) low nM AlphaScreen with IC50 value of 48 nM, with high selectivity over BRD9 and BRD4 in biochemical AlphaScreen assays[1].

Solubility Information

Solubility	DMSO: 2 mg/mL (5.03 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	2.5161 mL	12.5805 mL	25.161 mL
5 mM	0.5032 mL	2.5161 mL	5.0322 mL
10 mM	0.2516 mL	1.2581 mL	2.5161 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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

Remillard D, et al. Chemoproteomics Enabled Discovery of Selective Probes for NuA4 Factor BRD8. ACS Chem Biol. 2021 Nov 19;16(11):2185-2192.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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