

BRD7-IN-2

Chemical Properties

CAS No. :

Formula: C₁₈H₁₈N₂O₃

Molecular Weight: 310.35

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	BRD7-IN-2 (compound 2-77) is a potent, selective inhibitor of bromodomain-containing protein 7 (BRD7) with an IC ₅₀ of 5.4 μM and exhibits significant anti-proliferative activity in prostate cancer cells, while demonstrating weak inhibition of BRD9 with an IC ₅₀ of >300 μM.
Targets(IC ₅₀)	Epigenetic Reader Domain
In vitro	BRD7-IN-2 (compound 2-77) demonstrates inhibitory activity against BRD7 and BRD9 in HEK293T cells, with IC ₅₀ values of 1.1 μM and 3.2 μM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2222 mL	16.1108 mL	32.2217 mL
5 mM	0.6444 mL	3.2222 mL	6.4443 mL
10 mM	0.3222 mL	1.6111 mL	3.2222 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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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