

## BRD4 Inhibitor-17

## Chemical Properties

CAS No. :

Formula: C16H16FN3O3S

Molecular Weight: 349.38

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-17 (Compound 5i) is a highly potent inhibitor of BRD4 with an IC50 value of 0.33 $\mu$ M, playing a crucial regulatory role in transcription by modulating the expression of inflammatory, proliferation, and cell cycle genes. It also shows potential as a remedy for arsenical-induced toxicity [1].
Targets(IC50)	Others,Epigenetic Reader Domain

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8622 mL	14.3111 mL	28.6221 mL
5 mM	0.5724 mL	2.8622 mL	5.7244 mL
10 mM	0.2862 mL	1.4311 mL	2.8622 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 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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