

OXF BD 02

Chemical Properties

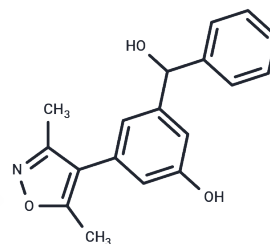
CAS No. : 1429129-68-9

Formula: C₁₈H₁₇NO₃

Molecular Weight: 295.33

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	OXF BD 02 is a potent and selective BRD4(1) inhibitor (IC ₅₀ : 382 nM) with anticancer and anti-inflammatory activity.
Targets(IC ₅₀)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.386 mL	16.9302 mL	33.8604 mL
5 mM	0.6772 mL	3.386 mL	6.7721 mL
10 mM	0.3386 mL	1.693 mL	3.386 mL
50 mM	0.0677 mL	0.3386 mL	0.6772 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

Hewings DS, et al. Optimization of 3,5-dimethylisoxazole derivatives as potent bromodomain ligands. J Med Chem. 2013 Apr 25;56(8):3217-27.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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