

BBOX-IN-1

Chemical Properties

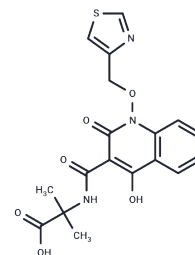
CAS No. :

Formula: C₁₈H₁₇N₃O₆S

Molecular Weight: 403.41

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	BBOX-IN-1 (compound 58) is a potent BBOX inhibitor with an IC ₅₀ of 0.02 μM, and it is applicable in research related to triple-negative breast cancer (TNBC).
Targets(IC ₅₀)	Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4789 mL	12.3943 mL	24.7887 mL
5 mM	0.4958 mL	2.4789 mL	4.9577 mL
10 mM	0.2479 mL	1.2394 mL	2.4789 mL
50 mM	0.0496 mL	0.2479 mL	0.4958 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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