

MD102

Chemical Properties

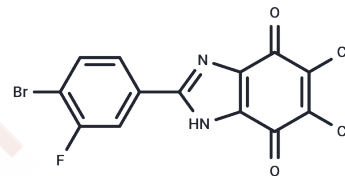
CAS No. : 2755794-94-4

Formula: C₁₃H₄BrCl₂FN₂O₂

Molecular Weight: 389.99

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	MD102, with an IC ₅₀ value of 0.35 μ M, is a potent TG2 inhibitor that stabilizes p53 by inhibiting TG2. This results in a decrease in p-AKT and p-mTOR downstream signaling, ultimately inducing tumor cell apoptosis [1].
Targets(IC ₅₀)	Apoptosis, Glutaminase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5642 mL	12.8208 mL	25.6417 mL
5 mM	0.5128 mL	2.5642 mL	5.1283 mL
10 mM	0.2564 mL	1.2821 mL	2.5642 mL
50 mM	0.0513 mL	0.2564 mL	0.5128 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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