

c-Myc inhibitor 16 iodide

Chemical Properties

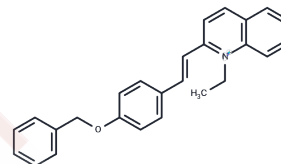
CAS No. : 3061380-62-6

Formula: C₂₆H₂₄INO

Molecular Weight: 493.379

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	c-Myc inhibitor16 iodide (Compound W11) is a selective inhibitor of the c-MycG-quadruplex (c-MycG4). It suppresses the transcription and translation of the c-Myc gene, disrupts the tumor cell cycle by halting growth at the G0/G1 phase, and activates mitochondrial apoptotic pathways, leading to early apoptosis in cancer cells. This compound shows potential for research in breast cancer.
Targets(IC50)	Apoptosis,c-Myc

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0268 mL	10.1342 mL	20.2684 mL
5 mM	0.4054 mL	2.0268 mL	4.0537 mL
10 mM	0.2027 mL	1.0134 mL	2.0268 mL
50 mM	0.0405 mL	0.2027 mL	0.4054 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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