

BWA-522

Chemical Properties

CAS No. :

Formula: C43H51ClN4O7

Molecular Weight: 771.34

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	BWA-522 is a small molecule, orally available protein-targeting chimera (PROTAC) that potentiates the degradation of both full-length androgen receptor (AR-FL) and the AR-V7 splice variant. It specifically antagonizes the N-terminal domain (AR-NTD) of the androgen receptor (Androgen Receptor), prompting apoptosis in prostate cancer (PC) cells. In LNCaP xenograft models, BWA-522 demonstrated tumor growth inhibition (60 mg/kg, po; TGI=76%). The compound effectively reduced levels of AR-V7 and AR-FL by 77.3% at 1 μ M and 72.0% at 5 μ M, respectively, in VCaP and LNCaP cell lines [1].
Targets(IC50)	Apoptosis,Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2964 mL	6.4822 mL	12.9645 mL
5 mM	0.2593 mL	1.2964 mL	2.5929 mL
10 mM	0.1296 mL	0.6482 mL	1.2964 mL
50 mM	0.0259 mL	0.1296 mL	0.2593 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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