

WCA-814

Chemical Properties

CAS No. :

Formula: C₄₆H₅₃ClN₁₀O₅

Molecular Weight: 861.43

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	WCA-814, an androgen receptor (AR) antagonist-Hsp90 inhibitor conjugate, induces degradation of both full-length and AR-V7, exhibiting cytotoxic effects in prostatic cancer cells with half maximal inhibitory concentrations (IC ₅₀) of 171.2 nM and 26.5 nM for LNCaP and 22Rv1 cells, respectively [1].
Targets(IC ₅₀)	Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1609 mL	5.8043 mL	11.6086 mL
5 mM	0.2322 mL	1.1609 mL	2.3217 mL
10 mM	0.1161 mL	0.5804 mL	1.1609 mL
50 mM	0.0232 mL	0.1161 mL	0.2322 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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