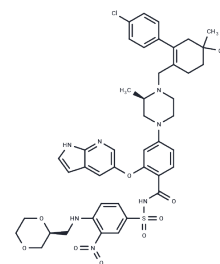


Mesutoclax

Chemical Properties

CAS No. :	2760536-87-4
Formula:	C ₄₅ H ₅₀ ClN ₇ O ₈ S
Molecular Weight:	884.44
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	Mesutoclax (ICP-248) (Compound 5) is a selective BCL-2 inhibitor with an IC ₅₀ of 1.54 nM, demonstrating weak activity against BCL-XL (IC ₅₀ : >1000 nM). It inhibits the viability of RS4;11 cells with an IC ₅₀ of 2.75 nM and can be utilized in cancer research.
Targets(IC ₅₀)	Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1307 mL	5.6533 mL	11.3066 mL
5 mM	0.2261 mL	1.1307 mL	2.2613 mL
10 mM	0.1131 mL	0.5653 mL	1.1307 mL
50 mM	0.0226 mL	0.1131 mL	0.2261 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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