

Ecdysoside B

Chemical Properties

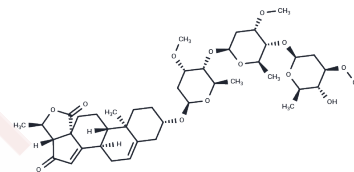
CAS No. : 1887196-18-0

Formula: C42H62O13

Molecular Weight: 774.93

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	Ecdysoside B (compound 6b) is a pregnane glycoside isolated from the plant <i>Ecdysanthera rosea</i> . This compound and its derivatives and isomers exhibit anticancer, immunosuppressive, and anti-inflammatory activities. Ecdysoside B demonstrates cytotoxicity against various human tumor cell lines, including PANC-1 (human pancreatic cancer cells), A375 (human melanoma cells), and U87 (glioblastoma U87 cells). It is a valuable compound for research in cancer, immunomodulation, and anti-inflammation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2904 mL	6.4522 mL	12.9044 mL
5 mM	0.2581 mL	1.2904 mL	2.5809 mL
10 mM	0.129 mL	0.6452 mL	1.2904 mL
50 mM	0.0258 mL	0.129 mL	0.2581 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481