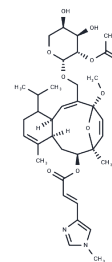


Eleutherobin

Chemical Properties

CAS No. :	174545-76-7
Formula:	C ₃₅ H ₄₈ N ₂ O ₁₀
Molecular Weight:	656.76
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	Eleutherobin, a potent β -microtubule inhibitor with an IC ₅₀ value of 2 μ M, exhibits cytotoxic activity against cancer cells at a potency comparable to Paclitaxel. This compound is derived from marine soft coral and is known for its anticancer activity. [1] [2]
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5226 mL	7.6131 mL	15.2263 mL
5 mM	0.3045 mL	1.5226 mL	3.0453 mL
10 mM	0.1523 mL	0.7613 mL	1.5226 mL
50 mM	0.0305 mL	0.1523 mL	0.3045 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