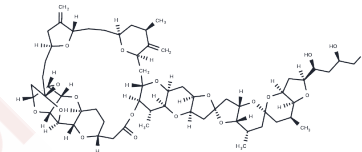


Halichondrin B

Chemical Properties

CAS No. :	103614-76-2
Formula:	C ₆₀ H ₈₆ O ₁₉
Molecular Weight:	1111.31
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	Halichondrin B, sourced from the sponge Halichondria okadai, serves as a noncompetitive inhibitor of Vinca-alkaloid binding to tubulin, with an IC ₅₀ for tubulin polymerization ranging from 1.2-1.4 μM, and exhibits anti-tumor activity [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8998 mL	4.4992 mL	8.9984 mL
5 mM	0.180 mL	0.8998 mL	1.7997 mL
10 mM	0.090 mL	0.4499 mL	0.8998 mL
50 mM	0.018 mL	0.090 mL	0.180 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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