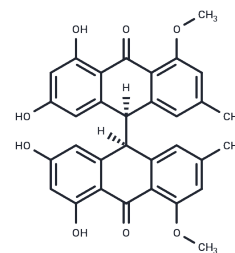


Neobulgarone B

Chemical Properties

CAS No. :	315209-16-6
Formula:	C ₃₂ H ₂₆ O ₈
Molecular Weight:	538.54
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	Neobulgarone B is an anthraquinone derivative from the ascomycete fungus <i>Neobulgaria pura</i> HA A07-97. It inhibits the formation of appressoria by <i>Magnaporthe oryzae</i> and exhibits mild cytotoxicity without antifungal, antibacterial, or phytotoxic effects.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8569 mL	9.2844 mL	18.5687 mL
5 mM	0.3714 mL	1.8569 mL	3.7137 mL
10 mM	0.1857 mL	0.9284 mL	1.8569 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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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