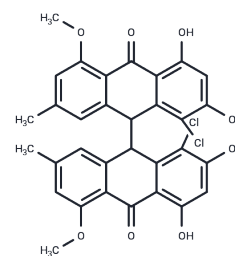


Neobulgarone F

Chemical Properties

CAS No. :	315209-20-2
Formula:	C32H24Cl2O8
Molecular Weight:	607.43
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 F, an anthraquinone derivative from the ascomycete fungus Neobulgaria pura HA A07-97, inhibits the formation of appressoria by the rice blast pathogen. It exhibits mild cytotoxicity and lacks antifungal, antibacterial, and phytotoxic activities.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6463 mL	8.2314 mL	16.4628 mL
5 mM	0.3293 mL	1.6463 mL	3.2926 mL
10 mM	0.1646 mL	0.8231 mL	1.6463 mL
50 mM	0.0329 mL	0.1646 mL	0.3293 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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