

## Viridicatin

## Chemical Properties

CAS No. :	129-24-8
Formula:	C <sub>15</sub> H <sub>11</sub> NO <sub>2</sub>
Molecular Weight:	237.25
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	Viridicatin is a quinazolinone natural product derived from fungi with antibacterial biological activity, used in natural product chemistry and pharmacological activity research.
Targets(IC50)	Others,Endogenous Metabolite,Antibiotic

## Solubility Information

Solubility	DMF: Soluble Ethanol: Moderately Soluble Methanol: Moderately Soluble DMSO: Soluble,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.215 mL	21.0748 mL	42.1496 mL
5 mM	0.843 mL	4.215 mL	8.4299 mL
10 mM	0.4215 mL	2.1075 mL	4.215 mL
50 mM	0.0843 mL	0.4215 mL	0.843 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.

## Reference

CUNNINGHAM KG, et al. The isolation and some chemical properties of viridicatin, a metabolic product of *Penicillium viridicatum* Westling. *Biochem J.* 1952;52(4):xxvi.

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