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**Product Data Sheet**

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Product Name: Viridicatin

Cat. No.: GC18908

**Chemical Properties**

Cas. No. 129-24-8

Chemical Name 3-hydroxy-4-phenyl-2(1H)-quinolinone

SMILES [H]N(C1=CC=CC=C1C(C2=CC=CC=C2)=C3O)C3=OFormula C<sub>15</sub>H<sub>11</sub>NO<sub>2</sub>

M.Wt 237.3

Solubility DMF: soluble, DMSO: soluble, Ethanol: moderately soluble, Methanol: moderately soluble

Store  
Storage at -  
20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available sizes: ship with RT, or blue ice upon request.

Structure **Background**

Viridicatin is a fungal metabolite isolated from various *Penicillium* species. This agent exhibits in vitro antibiotic activity against *M. tuberculosis* (1:15,000 dilution) but no activity against other tested bacterial strains.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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