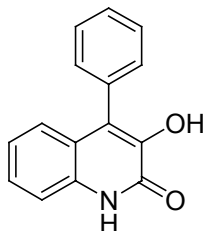


Viridicatin

Code: **BIA-V1139**

Pack sizes: **1 mg, 5 mg**



Synonyms : **2,3-dihydroxy-4-phenylquinoline**

Specifications

CAS # : **129-24-8**
Molecular Formula : **C₁₅H₁₁NO₂**
Molecular Weight : **237.3**
Source : ***Penicillium* sp. MST-FP1766**
Appearance : **White solid**
Purity : **> 99% by HPLC**
Long Term Storage : **-20°C**
Solubility : **DMSO and DMF, partially soluble in methanol and ethanol while poorly soluble in water**

Application Notes

Viridicatin is a fungal metabolite produced by several species of *Penicillium* and formed by the rearrangement of the benzodiazepine, cyclophenin. Viridicatin exhibits potent selective activity against *Mycobacterium tuberculosis* but is inactive against most other bacteria.

References

1. The isolation and some chemical properties of viridicatin, a metabolic product of *Penicillium viridicatum*, Westling, Cunningham K.G. and Freeman G.G. *Biochem. J.* **1953**, 53_328.
2. Studies in the biochemistry of microorganisms. 93. Cyclophenin, a nitrogen-containing metabolic product of *Penicillium cyclopium* Westling. Bracken A. et al. *Biochem. J.* **1954**, 57, 587.