

Product Name:	Viridicatin
Product Number:	V023
CAS Number:	129-24-8
Molecular Formula:	$C_{15}H_{11}NO_2$
Molecular Weight:	237.3
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Viridicatin is a fungal metabolite produced by several species of <i>Penicillium</i> and formed by the rearrangement of the benzodiazepine, cyclophenin. Viridicatin exhibits potent selective activity against <i>Mycobacterium tuberculosis</i>, but is inactive against most other bacteria.</p> <p>Viridicatin is soluble in DMF and DMSO and is moderately soluble in methanol or ethanol.</p>
References:	<p>The isolation and some chemical properties of viridicatin, a metabolic product of <i>Penicillium viridicatum</i>, Westling, Cunningham K.G. and Freeman G.G. <i>Biochem J.</i> 1953, 53_328.</p> <p>Studies in the biochemistry of microorganisms. 93. Cyclophenin, a nitrogen-containing metabolic product of <i>Penicillium cyclopium</i> Westling. Bracken A. et al. <i>Biochem J.</i> 1954, 57, 587.</p>