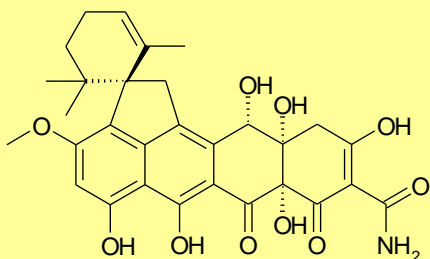


# Viridicatumtoxin

Cat.# BLK-1320

## Structure



**Origin:** Penicillium brasilianum

**CAS Registry Number:** 39277-41-3

**Appearance:** yellow solid

**Molecular Formula/ Weight:**  
C<sub>30</sub>H<sub>31</sub>NO<sub>10</sub>=565.60

**Purity:**>95.0% by HPLC

**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO

## Background Information:

Viridicatumtoxin, tetracycline-like metabolite, is isolated from several species of *Penicillium*. This compound has been known to exhibit potent antibacterial activity against several strains of *S. aureus* including MRSA and QRSA

## Handling and Storage:

Store at -20°C.

## References:

1. Toxicol Appl Pharmacol. 1973 Mar;24(3):507-9.
2. Toxicol Lett. 1984 Sep;22(3):287-91.
3. J Nat Prod. 2014 Nov 26;77(11):2335-41. doi: 10.1021/np500111w. Epub 2014 Oct 30.
4. J Antibiot (Tokyo). 2016 Nov;69(11):798-805. doi: 10.1038/ja.2016.35. Epub 2016 Apr 6.
5. J Am Chem Soc. 2017 Mar 15;139(10):3736-3746. doi: 10.1021/jacs.6b12654. Epub 2017 Mar 3.

*Manufactured with Courtesy strain from The Kitasato Institute.*