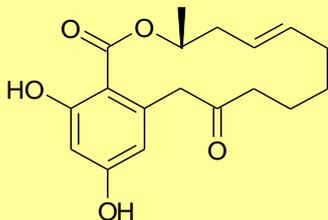


Monocillin IV

Cat.# BLK-1450

Structure



Origin: Fusarium sp.

CAS Registry Number: 75207-14-6

Appearance: off white solid

Molecular Formula/ Weight: C₁₈H₂₂O₅=318.37

Purity: >95.0% by HPLC

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

Background Information:

Monocillin IV, resorcylic 14-membered lactone, is isolated from *Aspergillus*. It inhibited HIV-1 Tattransactivation and showed antibacterial activities.

Handling and Storage:

Store at -20°C.

References:

1. Appl Environ Microbiol. 1998 Nov;64(11):4482-4.
2. Chem Biodivers. 2005 Jan;2(1):112-22.
3. J Nat Prod. 2013 May 24;76(5):824-8.
4. J Agric Food Chem. 2019 Jul 3;67(26):7266-7273.

Manufactured with Cortesy strain from The Kitasato Institute.