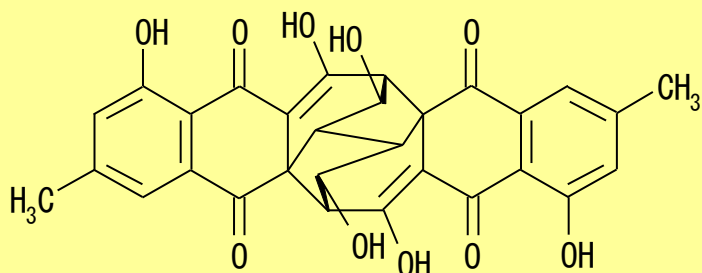


Rugulosin

Cat.# BLK0940

Structure

Origin: *Penicillium* sp.

CAS Registry Number: 23537-16-8

CA Index Name:

Appearance: yellow solid

Molecular Formula/ Weight: C₃₀H₂₂O₁₀=542.50

Melting Point: 284-285°C Purity: >95.0% by HPLC

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

pKa:

log P:

Background Information:

Rugulosin was isolated from some kind of fungi. It shows anti-MRSA, anti-insect, anti-bacterial, and HIV-1-integrase inhibitory activity.

Handling and Storage:

Store at -20°C.

References:

1. Org Lett. 2010 Apr 2;12(7):1572-5.
2. Nat Prod Commun. 2009 Nov;4(11):1497-504.
3. J Environ Pathol Toxicol. 1978 Nov-Dec;2(2):313-24.
4. J Ind Microbiol Biotechnol. 2003 Dec;30(12):721-31.

Manufactured with Cortesy strain from The Kitasato Institute.