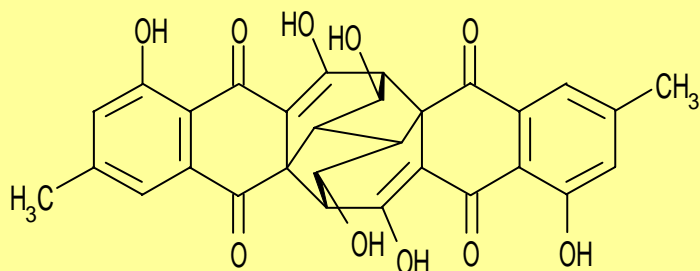


# Rugulosin

Cat.# BLK0940

## Structure

**Origin:** *Penicillium* sp.**CAS Registry Number:** 23537-16-8**CA Index Name:****Appearance:** yellow solid**Molecular Formula/ Weight:** C<sub>30</sub>H<sub>22</sub>O<sub>10</sub>=542.50**Melting Point:** 284-285**Purity:** >95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO

### 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 .

### 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.