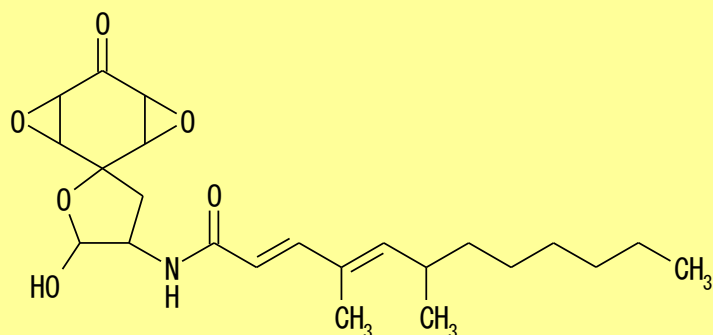


## Aranorosin

Cat.# BLK1050

## Structure

Origin: *Gymnascella* sp.

CAS Registry Number: 117184-53-9

CA Index Name:

Appearance: white solid

Molecular Formula/ Weight:

C<sub>23</sub>H<sub>33</sub>NO<sub>6</sub>=419.52

Melting Point: 145-147°C Purity:&gt;95.0% by HPLC

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

pKa:

log P:

## Background Information:

Aranorosin, epoxyketone natural products as manumycin, was isolated from *Pseudoarachniotus roseus*. It inhibit the anti-apoptotic functions regulated by Bcl-2 which is an intracellular membrane protein.

## Handling and Storage:

Store at -20°C.

## References:

1. J Antibiot (Tokyo). 1988 Dec;41(12):1780-4.
2. Bioorg Med Chem Lett. 1998 Feb 17;8(4):351-6.
3. Biochem Biophys Res Commun. 2008 Dec 26;377(4):1085-90.

*Manufactured with Cortesy strain from The Kitasato Institute.*