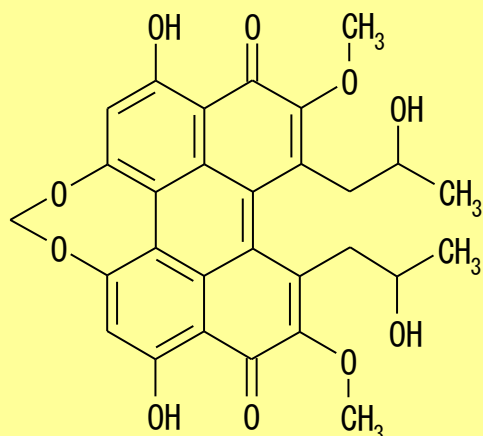


# Cercosporin

Cat.# BLK0790

## Structure

Origin: *Cercospora* sp.

CAS Registry Number: 35082-49-6

CA Index Name:

Appearance: dark red solid

Molecular Formula/ Weight: C<sub>29</sub>H<sub>26</sub>O<sub>10</sub>=534.52

Melting Point: 225-228°C Purity: &gt;95.0% by HPLC

Solubility: Soluble in 1mg/ml ethanol, methanol, DMSO

pKa:

log P:

## Background Information:

Cercosporin specifically inhibits Protein Kinase C competing for the phorbol binding site.

## Handling and Storage:

Store at -20°C.

## References:

1. J Am Chem Soc. 2009 Jul 8;131(26):9413
2. J Mol Struct. 1991;230:419
3. Adv Second Messenger Phosphoprotein Res. 1990;24:497

Manufactured with Cortesy strain from The Kitasato Institute.