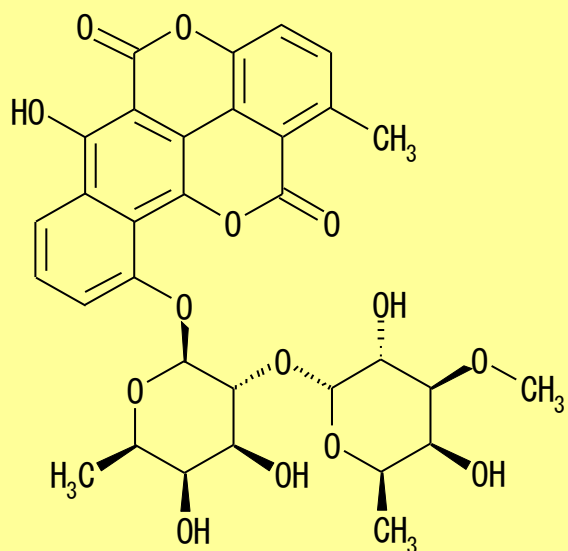


Structure

Origin: *Streptomyces sp.*

CAS Registry Number: 6377-18-0

CA Index Name: Lambdamycin

Appearance: yellow solid

Molecular Formula/ Weight: C₃₂H₃₂O₁₄=640.60

Melting Point: 194-196°C Purity:>95.0% by HPLC

Solubility: Sol. in 1mg/ml Acetone

pKa:

log P:

Background Information:

Chartreusin was isolated from *Streptomyces sp.*. It is a potent antitumor, and it shown anti-cancer activity in a phase II study.

Handling and Storage:

Store at -20°C.

References:

1. Eur J Cancer. 1993;29A(14):1985-91.
2. Cancer Chemother Pharmacol. 2002 Jun;49(6):468-72.
3. Curr Med Chem Anticancer Agents. 2003 Nov;3(6):411-20.
4. Chem Biol. 2005 May;12(5):579-88.
5. Bioinformation. 2011 Apr 22;6(3):100-6.