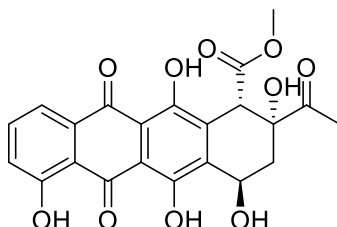


ε-Rhodomyconone

Code No.: **BIA-R2309**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : ε-Rhodomyconone, NSC 196524

Specifications

CAS #	: 21288-60-8
Molecular Formula	: C₂₂H₂₀O₉
Molecular Weight	: 428.39
Source	: <i>Streptomyces</i> sp.
Appearance	: Red solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

ε-Rhodomyconone is an anthraquinone aglycone which is relatively common in *Streptomyces* sp.. ε-Rhodomyconone is an intermediate in the biosynthesis of daunomycin. Rhodomyconone is cytotoxic to murine NS-1 cell line (LD₉₉ 0.8 µg/mL).

References

1. Biosynthesis of daunorubicin glycosides: role of ε-rhodomyconone. McGuire J.C. et al. *Antimicrob Agents Chemother.* 1980, 18, 454.
2. Blancaquinone: A new anthraquinone from an Australian *Streptomyces* sp. Clark B. et al. *J Nat Prod.* 2004, 67, 1729.