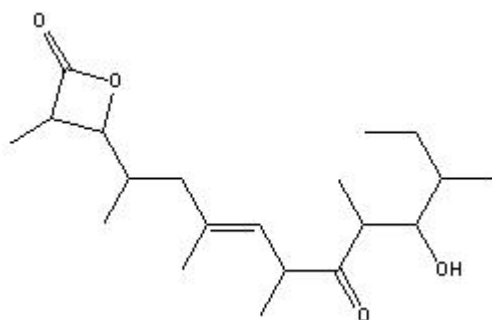


TECHNICAL INFORMATION

Catalog Number: 157894
Ebelactone A

Structure:



Molecular Formula: C₂₀H₃₄O₄

Molecular Weight: 338.49

CAS # : 76808-16-7

Synonym: 3,11-Dihydroxy-2,4,6,8,10,12-hexamethyl-9-oxo-6-tetradecenoic acid 1,3-lactone

Physical Appearance: White to off white solid

Source: *Microbial*

Purity: ≥99.0%

Solubility: Soluble in methanol (10 mg/ml), ethanol and chloroform. Solutions are stable for 1 week at 4°C or can be aliquoted and stored at -20°C for up to one month. Stock solutions can be prepared at 1 mg/2.95 ml = 1 mM solution. Use 2.6 or 5.3 ul of stock solution/ml to make a 1 or 2 ug/ml solution.

Description: A non-toxic inhibitor for esterase, lipase and N-formyl-methionine aminopeptidase. Effective concentration is typically 1 to 2 mg/ml.

[Click Here for a list of other protease inhibitors offered by MP Biomedicals and general protease inhibitor information.](#)

References:

- Uotani, K., et al. *J. Antibiotics*, **v.35**, 1670 (1982)
- Scaloni, A., et al., *J. Biol. Chem.*, **v. 267**, 3811 (1992).