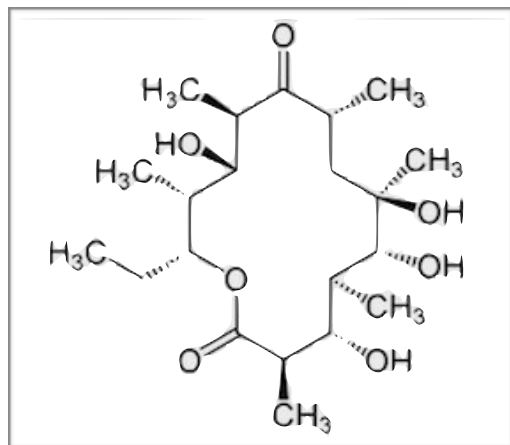




Erythronolide B (EB) $C_{21}H_{38}O_7$



DESCRIPTION | An erythromycin biosynthetic precursor to the antibiotic erythromycin and a naturally derived component of the widely used antibiotics Biaxin® (clarithromycin) and Zithromax Z-pak® (azithromycin).

PREPARATION | Starting with a custom recombinant mutant of the *Saccharopolyspora erythraea* bacterium, leveraging natural, renewable starting materials, we have produced this erythromycin precursor that could not be easily obtained through chemical synthesis. This product has a proven track record of being used to generate new patentable "hybrid" antibiotics Spagnoli et al., (1983).

PREPARATION NOTE This product is soluble at >10 mg/ml in methanol at 50°C. Stock solutions should be stored at 2-8°C. All solutions should be protected from light.

CERTIFICATE OF AUTHENTICITY: | This product has been authenticated through chemical analysis including mass spectrometry and NMR.

PROPERTIES	
Molecular weight	402.5 g/mol
CAS	3225-82-9
PubChem ID	ID=441113
Available quantities	1mg, 10mg, 100mg
Packaging	1, 10, 100 mg in glass vial
Form	Powder
Color	white
Application	actinocore, scaffold
Bioactivity	no antibiotic activity
Chemical structure	Macrolide Precursor
Shipping	Standard
Price	1 mg \$169 10 mg \$1,499 100 mg \$9,990

PRODUCT ADVANTAGES

- Leapfrog the first phase of your drug development process saving valuable time and cost.
- Leverage natural products at the initiation of your product development.
- Increase the likelihood of discovering active pharmaceuticals with a core designed by natural selection.

RECOMMENDED USES

- Pharmaceutical drug discovery and development
- Biosensor applications
- Chemical biology applications.