

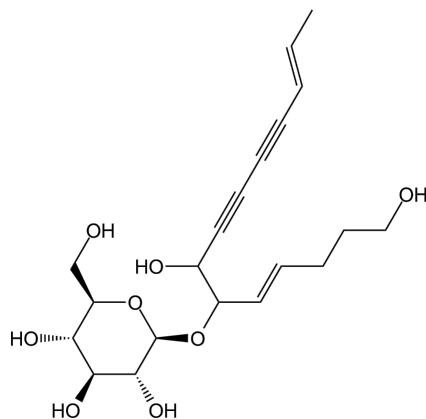
## Certificate of Analysis

Product Name: Lobetyolin  
Cat. No.: GN10569  
Batch No.: 3  
Chemical Name: (2R,3R,4S,5S,6R)-2-[(4E,12E)-1,7-dihydroxytetradeca-4,12-dien-8,10-diyn-6-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 136085-37-5  
Molecular Formula:  $C_{20}H_{28}O_8$   
Molecular Weight: 396.43  
Storage: Store at  $-20^{\circ}C$ , protect from light

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA