



LKT Laboratories, Inc.

4'-Demethylepipodophyllotoxin

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID D1849

CAS No. 6559-91-7

Chemical Name Furo(3',4':6,7)naphtho(2,3-d)-1,3-dioxol-6(5ah)-one, 5,8,8a,9-tetrahydro-9-hydroxy-5-(4-hydroxy-3,5-dimethoxyphenyl)-, (5R-(5- α ,5a- β ,8a- α ,9- β))-

Synonym

Formula C₂₁H₂₀O₈

Formula Wt. 400.38

Melting Point 246-248°C

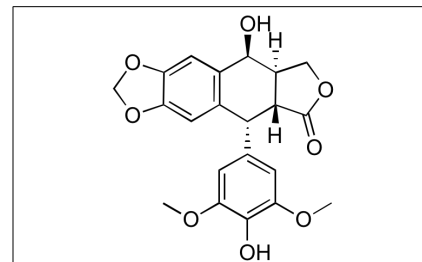
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description 4'-Demethylepipodophyllotoxin is a topoisomerase II inhibitor found in *Podophyllum*. Derivatives of this compound exhibit anticancer chemotherapeutic activity.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D1849	500 mg	\$97.10
D1849	1 g	\$151.20
D1849	5 g	\$560.20

References Xiao L, Zhao W, Li HM, et al. Design and synthesis of the novel DNA topoisomerase II inhibitors: esterification and amination substituted 4'-demethylepipodophyllotoxin derivatives exhibiting anti-tumor activity by activating ATM/ATR signaling pathways. *Eur J Med Chem.* 2014 Jun 10;80:267-77. PMID: 24793877.

Yang TM, Guo SF, Chen CR, et al. Anti-osteosarcoma effects and mechanisms of 4-O-amino-phenol-4'-demethylepipodophyllotoxin ether. *J Pharm Pharmacol.* 2008 Feb;60(2):179-88. PMID: 18237465.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.