



Product Information

Product ID C2803

CAS No. 6377-18-0

Chemical Name Benzo(h)(1)benzopyrano(5,4,3-cde)(1)benzopyran-5,12-dione, 10-((6-deoxy-2-O-(6-deoxy-3-O-methyl-alpha-D-galactopyranosyl)-beta-D-galactopyranosyl)oxy)-6-hydroxy-1-

Synonym Lambdamycin, NSC-5159.

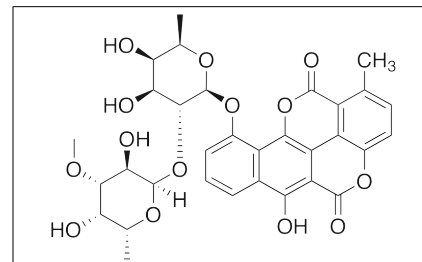
Formula C₃₂H₃₂O₁₄

Formula Wt. 640.6

Melting Point 184-186°C

Purity ≥98%

Solubility Soluble in acetone. Practically insoluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C2803	5 mg	\$250.50
C2803	25 mg	\$930.00

Store Temp -20°C

Ship Temp Blue Ice

Description Chartreusin is an antibiotic compound that also exhibits anticancer activity. Chartreusin binds GC-rich DNA sequences, inhibiting synthesis of RNA and causing free radical accumulation.

References Portugal J. Chartreusin, elsamicin A and related anti-cancer antibiotics. *Curr Med Chem Anticancer Agents*. 2003 Nov;3(6):411-20. PMID: 14529449.

Uramoto M, Kusano T, Nishio T, et al. Specific binding of chartreusin, an antitumor antibiotic, to DNA. *FEBS Lett*. 1983 Mar 21;153(2):325-8. PMID: 6311618.

Yagi M, Nishimura T, Suzuki H, et al. Chartreusin, an antitumor glycoside antibiotic, induces DNA strand scission. *Biochem Biophys Res Commun*. 1981 Feb 12;98(3):642-7. PMID: 7225117.

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