



LKT Laboratories, Inc.

Teniposide

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Product Information

Product ID T1652

CAS No. 29767-20-2

Chemical Name [5R-[5 α ,5a β ,8a α ,9 β -(R*)]]-5,8,8a,9-Tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-9-[[[4,6-O-(2-thienyl-methylene)- β -D-glucopyranosyl]oxyfuro[3',4':6,7]-naphtho[2,3-d]-1,3-dioxol-6(5aH)-

Synonym ETP, Vehem-Sandox, Vumon

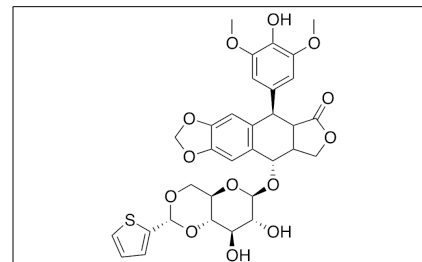
Formula C₃₂H₃₂O₁₃S

Formula Wt. 656.66

Melting Point 242-246°C

Purity $\geq$ 97%

Solubility Soluble in acetone or dimethylformamide.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T1652	25 mg	\$78.60
T1652	100 mg	\$235.90
T1652	500 mg	\$707.90

Store Temp Ambient

Ship Temp Ambient

Description Teniposide is a podophyllotoxin derivative that inhibits topoisomerase II and exhibits anticancer chemotherapeutic activity. Teniposide induces single stranded and double stranded DNA breaks and is clinically used to treat acute lymphocytic leukemia (ALL).

References You Y. Podophyllotoxin derivatives: current synthetic approaches for new anticancer agents. Curr Pharm Des. 2005;11(13):1695-717. PMID: 15892669.

Han YH, Austin MJ, Pommier Y, et al. Small deletion and insertion mutations induced by the topoisomerase II inhibitor teniposide in CHO cells and comparison with sites of drug-stimulated DNA cleavage in vitro. J Mol Biol. 1993 Jan 5;229(1):52-66. PMID: 8380617.

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