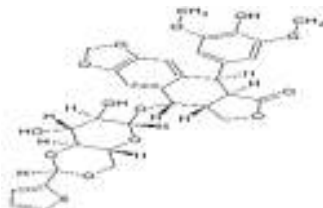


# Teniposide

**ALTERNATE NAME:** VM-26  
NSC 122819  
(5R,5aR,8aR,9S)-5,8,8a,9-tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-9-[[[4,6-O-[(R)-2-thienylmethylene]-β-D-glucopyranosyl]oxy]-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one

**CATALOG #:** B2655-10 10 mg  
B2655-50 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>32</sub>H<sub>32</sub>O<sub>13</sub>S

**MOLECULAR WEIGHT:** 656.65

**CAS NUMBER:** 29767-20-2

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** ~5 mg/ml DMSO

**DESCRIPTION:** Teniposide is a podophyllotoxin derivative that acts as a topoisomerase II inhibitor. Its cytostatic effects are related to its ability to stabilize the DNA-topoisomerase II complex during DNA replication, inducing DNA damage and cellular apoptosis. Teniposide has been widely used in the treatment of various cancers including, small cell lung cancer, malignant lymphoma, breast cancer, oral squamous cell carcinoma, and acute lymphoblastic leukemia.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Trovafloxacin mesylate (B1565)  
Pixantrone maleate (1958)  
Epirubicin Hydrochloride (1753)  
Podophyllotoxin (2767)  
Irinotecan Hydrochloride (1752)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*