

## **Teniposide**

Cat. No. CEI-0365

Lot. No. (See product label)

## Introduction

**Description** Teniposide is a chemotherapeutic medication mainly used in the treatment of

childhood acute lymphocytic leukemia (ALL). It is in a class of drugs known as podophyllotoxin derivatives and slows the growth of cancer cells in the body. Teniposide causes dose-dependent single- and double-stranded breaks in DNA and DNA-protein cross-links. The mechanism of action appears to be related to the inhibition of type II topoisomerase activity since teniposide does not intercalate into

DNA or bind strongly to DNA.

**Synonyms** Vumon

## **Product Information**

*CAS No.* 29767-20-2

Molecular Formula C32H32O13S

Molecular Weight 656.65

*Purity* >99%

**Targets** Topoisomerase II

Solubility DMSO 40 mg/mL, Water

## Storage and Shipping Information

**Storage** 2 years at -20 centigrade

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