

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