

Heptelidic Acid

Cat. No. CEI-0490

Lot. No. (See product label)

Introduction

Description A sesquiterpene antibiotic, isolated from *Trichoderma* sp. A potent and selective glyceraldehyde 3-phosphate dehydrogenase (GAPDH) inhibitor. Binds to the essential Cys149 residue in the catalytic site of GAPDH. Selectively kills high-glycolytic cancer cells through glucose-dependent active ATP deprivation. Selective and competitive inhibitor of mammalian DNA polymerases beta, lambda and terminal deoxynucleotidyl transferase (TdT) in family X of pols.

Synonyms Koningic acid; Avocettin; FO-4443; BRN 5091359

Product Information

Appearance White solid

CAS No. 74310-84-2

Molecular Formula C₁₅H₂₀O₅

Molecular Weight 327.42

Purity >96% by HPLC

Targets GAPDH

Solubility H₂O

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack