

## 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** C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>

**Molecular Weight** 327.42

**Purity** >96% by HPLC

**Targets** GAPDH

**Solubility** H<sub>2</sub>O

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack