

## 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

<b>Appearance</b>	White solid
<b>CAS No.</b>	74310-84-2
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>20</sub> O <sub>5</sub>
<b>Molecular Weight</b>	327.42
<b>Purity</b>	>96% by HPLC
<b>Targets</b>	GAPDH
<b>Solubility</b>	H <sub>2</sub> O

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack