

## Orlistat, DAG lipase-a inhibitor

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| Catalog       | Unit  |
|---------------|-------|
| TBI2448-20MG  | 20mg  |
| TBI2448-100MG | 100mg |

### Product Details

**Formal Name:** N-formyl-L-leucine (1S)-10[[[(2S,3S)-3-hexyl-4-oxo-2-oxetanyl]methyl]dodecyl ester

**Alternate Names:** Ro18-0647; Tetrahydrolipstatin (-)

**Molecular Formula:** C<sub>29</sub>H<sub>53</sub>NO<sub>5</sub>

**Formula Weight:** 495.75

**CAS Number:** 96829-58-2

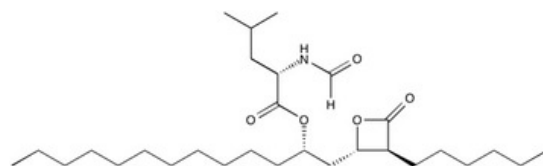
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 50 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

DAG lipase-a inhibitor

### Functions

A lipase inhibitor which blocks the biosynthesis of 2-AG by inhibition of DAG lipase- $\alpha$ . Inhibits pancreatic lipase and other lipases but not PLA2. Inhibits fatty acid synthase and displays antitumor activity. Prevents fat absorption in the gut and is a clinically useful antiobesity agent.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 1 week.

**For research use only.**