

Catalog	Unit
TBI1346-25MG	25 mg
TBI1346-100MG	100 mg

### Product Details

**Formal Name:** N-acetyl-L-leucyl-L-leucyl-L-argininal, hemisulfate

**Alternate Names:** Ac-Leu-Leu-Arg-CHO

**Molecular Formula:** C<sub>20</sub>H<sub>38</sub>N<sub>6</sub>O<sub>4</sub> • 1/2H<sub>2</sub>SO<sub>4</sub>

**Formula Weight:** 475.60

**CAS Number:** 103476-89-7

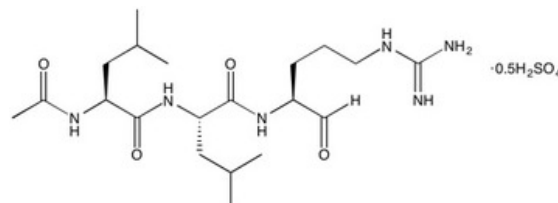
**Purity:** >95%; peptide content >85%

**Formulation:** powder

**Solubility:** Soluble in Water (up to 50 mg/ml). Also soluble in ethanol and methanol

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Trypsin-like and cysteine protease inhibitor

### Functions

A reversible inhibitor of trypsin-like proteases and cysteine proteases. Inhibits trypsin, plasmin, papain and cathepsin B, H and L. Blocks various apoptotic pathways in T cells. Commonly used in cell lysis buffers to protect proteins from degradation. Typical working concentration is 1µM (0.5 µg/ml). Origin: synthetic

### Application Procedures

First dissolved in Water (up to 50 mg/ml), in ethanol or in methanol, then diluted to aqueous buffer. Solutions in distilled water, ethanol or methanol may be stored at -20°C for up to 3 months.

**For research use only.**