

Catalog	Unit
TBI2614 - 1MG	1 mg

### Product Details

**Formal Name:** Benzyloxycarbonyl-Val-Ala-Asp(OMe)-fluoromethylketone.

**Alternate Name:** ZVAD(OMe)-FMK.

**Molecular Formula:** C<sub>22</sub>H<sub>30</sub>FN<sub>3</sub>O<sub>7</sub>.

**Formula Weight:** 467.50.

**CAS Number:** 187389-52-2

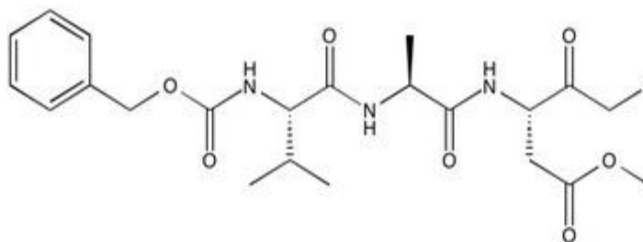
**Purity:** ≥98%

**Formulation:** Lyophilized Powder.

**Solubility:** Soluble in DMSO (up to 10 mg/ml).

**Storage:** -20°C.

**Stability:** ≥ 2 years.



### Applications

Pan-caspase inhibitor.

### Functions

Cell-permeable, methyl ester form of ZVAD-FMK. Potent, irreversible pan-caspase inhibitor. Inhibits caspase activity and apoptosis induction in a variety of cell types (IC<sub>50</sub> = 1.5 μM). Active in vivo.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml) or ethanol (up to 30mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

### Relative Products

TBI1092	AICAR, AMPK activator
TBI2069	Cytochalasin B
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI1029	Dorsomorphin, AMPK inhibitor
TBI1368	Pepstatin, Aspartic protease inhibitor
TBI1060	Imatinib, Bromodomain inhibitor
TBI1584	JQ1+, Bromodomain inhibitor
TBI2284	Calcimycin, Ca <sup>2+</sup> Ionophore

**For research use only.**