

Catalog	Unit
TBI2614-1MG	1 mg

Product Details

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

Alternate Name: ZVAD(OMe)-FMK.

Molecular Formula: C₂₂H₃₀FN₃O₇.

Formula Weight: 467.50.

CAS Number: 187389-52-2

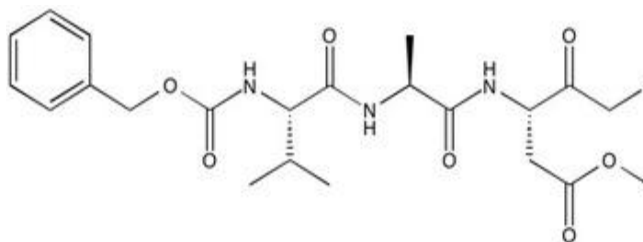
Purity: ≥98%

Formulation: Lyophilized Powder.

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

Storage: -20°C.

Stability: ≥ 1 year.



Applications

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 (IC₅₀ = 1.5 μM). Active *in vivo*.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 week.

For research use only.