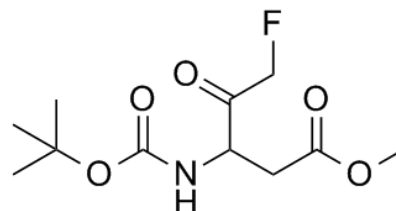


Product Name : BOC-D-FMK
Cat. No. : PC-43410
CAS No. : 634911-80-1
Molecular Formula : C₁₁H₁₈FNO₅
Molecular Weight : 263.2627
Target : Caspase
Solubility : DMSO: ≥ 125 mg/mL



Biological Activity

BOC-D-FMK is a cell-permeable, irreversible, broad spectrum caspase inhibitor, inhibits apoptosis stimulated by TNF- α with IC₅₀ of 39 μ M; inhibits TNF α -stimulated reactive oxygen species (ROS) generation, prevents genistein-induced apoptosis of p815 cells at 50 μ M; shows neuroprotective effects on spinal motoneurons (MNs) after root avulsion in neonatal rats, suppresses polyethylene particle-induced osteolysis in mice.

References

- Cowburn AS, et al. Blood. 2005 Apr 1;105(7):2970-2.
Yee SB, et al. Exp Mol Med. 2006 Dec 31;38(6):634-42.
Chan YM, et al. Exp Neurol. 2003 Jun;181(2):190-203.
Landgraeber S, et al. Apoptosis. 2009 Feb;14(2):173-81.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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