

Product Name	: Z-YVAD-FMK
Synonyms	: —
Cat No.	: M22964
CAS Number	: 210344-97-1
Molecular Formula	: C ₃₁ H ₃₉ FN ₄ O ₉
Formula Weight	: 630.66
Chemical Name	: —
Description	: AA-Z-YVAD-FMK is a Irreversible caspase-1 inhibitor, with anti-inflammatory and anti-tumor activities. Z-YVAD-FMK (100 μM; 24 hours) significantly downregulated the growth inhibition induced by butyrate in Caco-2 cells.
Pathway	: Apoptosis
Target	: Caspase
Receptor	: caspase-1
Solubility	: DMSO: 250 mg/mL (396.41 mM; Need ultrasonic)
SMILES	: <chem>O=C(N[C@@H](CC1=CC=C(O)C=C1)C(N[C@@H](C(C)C)C(N[C@@H](C(N[C@@H](CC(OC)=O)C(CF)=O)=O)C)=O)OCC2=CC=CC=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Li H, et al. Aluminum hydroxide adjuvants activate caspase-1 and induce IL-1β and IL-18 release. *J Immunol.* 2007 Apr 15; 178(8):5271-6.