Z-VRPR-FMK TFA

Cat. No.: HY-P1407

Molecular Formula: $C_{33}H_{50}F_4N_{10}O_8$

Molecular Weight: 790.81

Target: MALT1; Influenza Virus

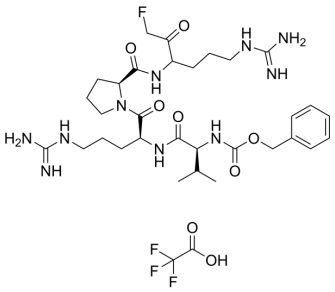
Pathway: Metabolic Enzyme/Protease; NF-κB; Anti-infection

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 1 mg/mL (1.26 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.2645 mL	6.3226 mL	12.6453 mL
	5 mM	---	---	---
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Z-VRPR-FMK (TFA) (VRPR), a tetrapeptide, is a selective and irreversible MALT1 (Mucosa-associated lymphoid tissue lymphoma translocation protein 1) inhibitor. Z-VRPR-FMK (TFA) can protect against influenza A virus (IAV) infection[1].

REFERENCES

[1]. Hatcher JM, et al. Peptide-based covalent inhibitors of MALT1 paracaspase. Bioorg Med Chem Lett. 2019 Jun 1;29(11):1336-1339.

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