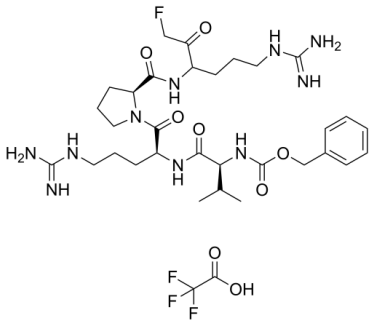
Data Sheet

Product Name:	Z-VRPR-FMK (TFA)
Cat. No.:	CS-0033225
Molecular Formula:	$C_{33}H_{50}F_4N_{10}O_8$
Molecular Weight:	790.81
Target:	Influenza Virus; MALT1
Pathway:	Anti-infection; Metabolic Enzyme/Protease; NF-κB
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

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.

CAIndexNames:

Benzyl ((2S)-1-(((2S)-1-((2S)-2-((1-Fluoro-6-guanidino-2-oxohexan-3-yl)carbamoyl)pyrrolidin-1-yl)-5-guanidino-1-oxopentan-2-yl)amino)-3-methyl-1-oxobutan-2-yl)carbamate 2,2,2-trifluoroacetate

SMILES:

OC(C(F)(F)F)=O.CC([C@@H](C(N[C@H](C(N1CCC[C@H]1C(NC(C(CF)=O)CCCNC(N)=N)=O)=O)CCCNC(N)=N)=O)NC(OCC2=CC=CC=C2)=O)C

Caution: Product has not been fully validated for medical applications. For research use only.

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