

Product Information

RETF-4NA, Purity ≥98%

Cat. No.: X24-09-YM1381

Size: 1 mg; 2 mg; 5 mg; 10 mg

CAS Number: 1160928-63-1

Compound CID: 137699293

Synonym: 1160928-63-1; 4-[[2-Acetamido-5-(diaminomethylideneamino)pentanoyl]a

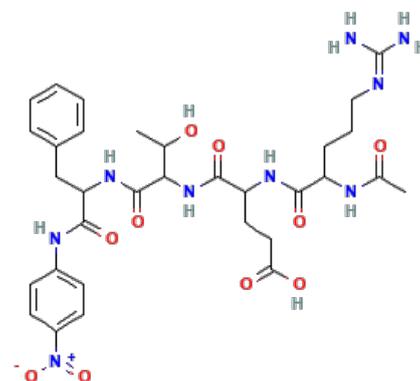
mino]-5-[[3-hydroxy-1-[[1-(4-nitroanilino)-1-oxo

-3-phenylpropan-2-yl]amino]-1-oxobutan-2-yl]amino]-5-oxopentanoic acid; RETF; 4-[[2

-Acetamido-5-(diaminomethylideneamino)pentanoyl]amino]-5-[[3-hydroxy-1-[[1-(4-nitr

oanilino)-1-oxo-3-phenylpropan-2-yl]amino]-1-oxobutan-2-yl]amino]-5-oxopentanoic

acid



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	RETF-4NA is a chymase substrate peptide. The molecular weight of the compound is 713.75, and its molecular formula is C ₃₂ H ₄₃ N ₉ O ₁₀ .
Molecular Weight	713.75
Molecular Formula	C ₃₂ H ₄₃ N ₉ O ₁₀
IUPAC Name	4-[[2-Acetamido-5-(diaminomethylideneamino)pentanoyl]amino]-5-[[3-hydroxy-1-[[1-(4-nitroanilino)-1-oxo-3-phenylpropan-2-yl]amino]-1-oxobutan-2-yl]amino]-5-oxopentanoic acid
InChI	InChI=1S/C32H43N9O10/c1-18(42)27(40-29(47)24(14-15-26(44)45)38-28(46)23(36-19(2)43)9-6-16-35-32(33)34)31(49)39-25(17-20-7-4-3-5-8-20)30(48)37-21-10-12-22(13-11-21)41(50)51/h3-5,7-8,10-13,18,23-25,27,42H,6,9,14-17H2,1-2H3,(H,36,43)(H,37,48)(H,38,46)(H,39,49)(H,40,47)(H,44,45)(H4,33,34,35)
InChI Key	MGCWUIJMQAZRNY-UHFFFAOYSA-N
Canonical SMILES	CC(C(C(=O)NC(CC1=CC=CC=C1)C(=O)NC2=CC=C(C=C2)[N+](=O)[O-])NC(=O)C(CCC(=O)O)NC(=O)C(CCCN=C(N)N)NC(=O)C)O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.



Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	RETF-4NA plays a key role in research involving the regulation of protein interactions and signaling pathways.
Storage	Store at -20°C, and keep desiccated.
