

Product Name : Catestatin TFA
Cat. No. : PC-27278
CAS No. :
Molecular Formula : $C_{109}H_{174}F_3N_{37}O_{28}S$
Molecular Weight :
Target : Other Targets
Solubility : 10 mM in DMSO

L-Leucine, L-arginyl-L-seryl-L-methionyl-L-arginyl-L-leucyl-L-seryl-L-phenyl-
arginyl-
L-alanyl-L-arginylglycyl-L-tyrosylglycyl-L-phenylalanyl-L-arginylglycyl-L-prolyl-
leucyl-L-glutamyl-
TFA salt

Biological Activity

Catestatin TFA is a potent catecholamine release inhibitory peptide with IC₅₀ of 0.2-0.3 μ M, acting as a nicotinic cholinergic antagonist, inhibits nicotinic cholinergic-stimulated catecholamine secretion, signal transduction, and desensitization.

References

Herrero CJ, et al. J Neurosci. 2002 Jan 15;22(2):377-88.

Mahata SK, et al. Mol Endocrinol. 2000 Oct;14(10):1525-35.

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

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