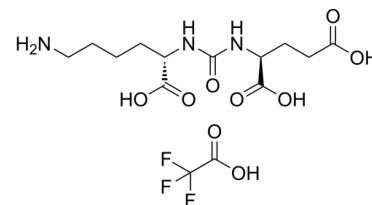


Data Sheet

Product Name:	GCPII-IN-1 (TFA)
Cat. No.:	CS-0255869
CAS No.:	1269794-89-9
Molecular Formula:	C ₁₄ H ₂₂ F ₃ N ₃ O ₉
Molecular Weight:	433.33
Target:	Carboxypeptidase
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : 160 mg/mL (369.23 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

GCPII-IN-1 TFA is a glutamate carboxypeptidase II (GCPII, or PSMA) inhibitor scaffold with a K_i of 44.3 nM^[1].

References:

[1]. Jan Tykvart, et al. Rational design of urea-based glutamate carboxypeptidase II (GCPII) inhibitors as versatile tools for specific drug targeting and delivery. *Bioorg Med Chem.* 2014 Aug 1;22(15):4099-108.

CAIndexNames:

L-Glutamic acid, N-[[[(1S)-5-amino-1-carboxypentyl]amino]carbonyl]-, 2,2,2-trifluoroacetate (1:1)

SMILES:

OC(C(F)(F)F)=O.NCCCC[C@@H](C(O)=O)NC(N[C@H](C(O)=O)CCC(O)=O)=O

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

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