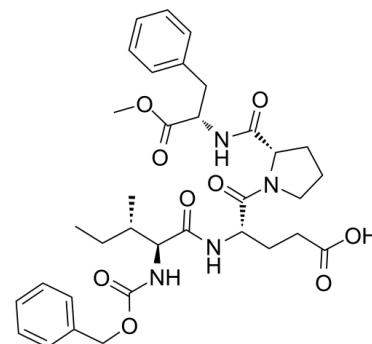


Data Sheet

Product Name:	CH 5450
Cat. No.:	CS-3460
CAS No.:	252557-97-4
Molecular Formula:	C ₃₄ H ₄₄ N ₄ O ₉
Molecular Weight:	652.73
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 43 mg/mL (65.88 mM)



BIOLOGICAL ACTIVITY:

CH 5450 (Z-Ile-Glu-Pro-Phe-Ome) is a human chymase inhibitor. IC₅₀ & Target: Chymase

References:

[1]. Bastos M, et al. Inhibitors of human heart chymase based on a peptide library. Proc Natl Acad Sci U S A. 1995 Jul 18;92(15):6738-42.

CAIndexNames:

L-Phenylalanine, N-[(phenylmethoxy)carbonyl]-L-isoleucyl-L-α-glutamyl-L-prolyl-, 4-methyl ester

SMILES:

O=C(OC)[C@@H](NC([C@H]1N(C([C@@H](NC([C@@H](NC(OCC2=CC=CC=C2)=O)[C@@H](C)CC)=O)CCC(O)=O)=O)CCC1)=O)CC3=CC=CC=C3

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

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