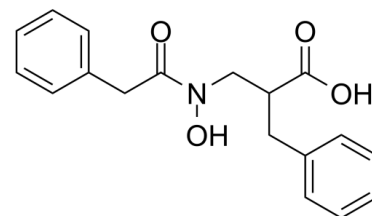


Data Sheet

Product Name:	CPA inhibitor
Cat. No.:	CS-0335
CAS No.:	223532-02-3
Molecular Formula:	C ₁₈ H ₁₉ NO ₄
Molecular Weight:	313.35
Target:	Carboxypeptidase
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 100 mg/mL (319.13 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

CPA inhibitor (Carboxypeptidase inhibitor; compound 5) is a potent **carboxypeptidase A (CPA)** inhibitor with a **K_i** of 0.32 μM^[1]. IC₅₀ & Target: K_i: 0.32 μM (CPA)^[1]

References:

[1]. D H Kim, et al. First hydroxamate inhibitors for carboxypeptidase A. N-acyl-N-hydroxy-beta-phenylalanines. Bioorg Med Chem Lett. 1999 Mar 8;9(5):691-6.

CAIndexNames:

Benzenepropanoic acid, .alpha.-[[hydroxy(2-phenylacetyl)amino]methyl]-

SMILES:

O=C(N(CC(C(O)=O)CC1=CC=CC=C1)O)CC2=CC=CC=C2

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

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