

Technical Data Sheet
CA-074

Compound Information

Product Name:	CA-074
CAS No.:	134448-10-5
Molecular Formula:	C ₁₈ H ₂₉ N ₃ O ₆
Molecular Weight:	383.44
Storage:	Store at -20°C
Revision Date:	2026-04-27

Analytical Information

Tests	Specifications
Description	CA-074 is a potent inhibitor of cathepsin B with a K_i of 2 to 5 nM.
IUPAC Name	N- [[(2S,3S)- 3- [(Propylamino)carbonyl]- 2- oxiranyl]carbonyl]- L- isoleucyl- L- proline
Form	solid
Color	White to yellow
Solubility	Soluble in methanol at 1mg/ml. Also soluble in DMSO or ethanol.
HPLC	Shows 98.8% purity
MS	Pass test

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