

Product Information

Fas C-terminal tripeptide, Purity ≥98%

Cat. No.: X24-09-YM1315

Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 189109-90-8

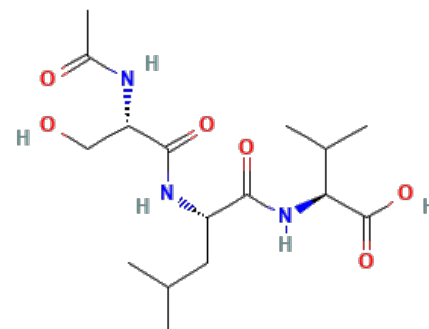
Compound CID: 9209375

Synonym: 189109-90-8; Ac-Ser-Leu-Val-OH;

(2S)-2-[[[(2S)-2-[[[(2S)

)-2-Acetamido-3-hydroxypropanoyl]amino]-4-methylpentanoyl]amino]-3-methylbutanoic acid

c acid



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Fas C-terminal tripeptide is a tri-peptide with the sequence AC-SER-LEU-VAL-OH. The molecular weight of the compound is 359.42, and its molecular formula is C ₁₆ H ₂₉ N ₃ O ₆ .
Molecular Weight	359.42
Molecular Formula	C ₁₆ H ₂₉ N ₃ O ₆
IUPAC Name	(2S)-2-[[[(2S)-2-[[[(2S)-2-Acetamido-3-hydroxypropanoyl]amino]-4-methylpentanoyl]amino]-3-methylbutanoic acid
InChI	InChI=1S/C16H29N3O6/c1-8(2)6-11(14(22)19-13(9(3)4)16(24)25)18-15(23)12(7-20)17-10(5)21/h8-9,11-13,20H,6-7H2,1-5H3,(H,17,21)(H,18,23)(H,19,22)(H,24,25)/t11-,12-,13-/m0/s1
InChI Key	ORIIRLCDJGETQD-AVGNSLFASA-N
Canonical SMILES	CC(C)CC(C(=O)NC(C(C)C)C(=O)O)NC(=O)C(CO)NC(=O)C
Isomeric SMILES	C[C@@H](C(=O)O)NC(=O)[C@H](CC1=CC=C(C=C1)O)NC(=O)[C@H](CC(=O)O)NC(=O)[C@@H]2CCCN2C(=O)[C@H](C(C)C)NC(=O)[C@H](CC(=O)O)NC(=O)[C@H](CC3=CC=C(C=C3)O)NC(=O)[C@@H]4CCCN4C(=O)[C@H](CC5=CC=C(C=C5)O)N
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade



Applications

Fas C-terminal tripeptide plays a key role in mediating apoptosis through the extrinsic apoptotic pathway.

Storage

Store at -20°C, and keep desiccated.
