

Product Information

6-Acetamidohexanoic acid, Purity \geq 98%

Cat. No.: X24-09-YM1408

Size: 100 mg; 250 mg; 500 mg; 1000 mg

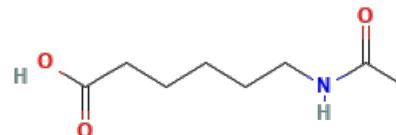
MDL: MFCD00004424

CAS Number: 57-08-9

Compound CID: 2005

Synonym: 57-08-9; 6-Acetamidocaproic acid; 6-Acetamidohexanoic acid

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



Product Information

Description	6-Acetamidohexanoic acid is a pharmaceutical intermediate. The molecular weight of the compound is 173.21, and its molecular formula is C ₈ H ₁₅ NO ₃ .
Molecular Weight	173.21
Molecular Formula	C ₈ H ₁₅ NO ₃
IUPAC Name	6-Acetamidohexanoic acid
InChI	InChI=1S/C8H15NO3/c1-7(10)9-6-4-2-3-5-8(11)12/h2-6H2,1H3,(H,9,10)(H,11,12)
InChI Key	WDSCBUNMANHPFH-UHFFFAOYSA-N
Canonical SMILES	CC(=O)NCCCCCC(=O)O
Form	Lyophilized powder
Purity	\geq 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	6-Acetamidohexanoic acid plays a key role in specific enzymatic reactions, particularly those involving acylation processes, although specific targets may vary and require further investigation.
Storage	Store at -20°C, and keep desiccated.