

Product Name	: Pimelic acid
Synonyms	: 17-Heptanedioic acid;Pileric acid;15-Pentanedicarboxylic acid
Cat No.	: M19546
CAS Number	: 111-16-0
Molecular Formula	: C ₇ H ₁₂ O ₄
Formula Weight	: 160.17
Chemical Name	: —
Description	: Derivatives of pimelic acid are involved in the biosynthesis of the amino acid called lysine. Pimelic acid is one methylene longer than a related dicarboxylic acid adipic acid a precursor to many polyesters and polyamides. Pimelic acid has been synthesized from cyclohexanone and from salicylic acid.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO: 10 mM;Water: 25 mg/mL
SMILES	: <chem>OC(=O)CCCCC(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Guneral F et al. Age-related reference values for urinary organic acids in a healthy Turkish pediatric population. Clin Chem. 1994 Jun;40(6):862-6.