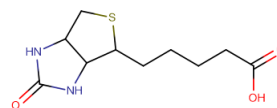


Product Name	: D-Biotin
Synonyms	: D-Biotin; NSC 63865; Vitamin B7
Cat No.	: M15171
CAS Number	: 58-85-5
Molecular Formula	: C ₁₀ H ₁₆ N ₂ O ₃ S
Formula Weight	: 244.31
Chemical Name	: 5-[(3aS,4S,6aR)-2-oxo-1,3,3a,4,6,6a-hexahydrothieno[3,4-d]imidazol-4-yl]pentanoic acid
Description	: Biotin is a water-soluble B-vitamin and is necessary for cell growth, the production of fatty acids, and the metabolism of fats and amino acids.
Pathway	: Metabolic Enzyme/Protease
Target	: Vitamin
Receptor	: VB7
Solubility	: DMSO: 49 mg/mL (200.56 mM)
SMILES	: <chem>C1C2C(C(S1)CCCC(=O)O)NC(=O)N2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. G. Gabant, et al. J. Mass Spectrom. 2008; 43: 360–370