

Product Name	: Biotin Hydrazide
Synonyms	: —
Cat No.	: M24677
CAS Number	: 66640-86-6
Molecular Formula	: C ₁₀ H ₁₈ N ₄ O ₂ S
Formula Weight	: 258.3
Chemical Name	: —
Description	: Biotin Hydrazide is a carbonyl-reactive biotinylation reagent, which is a carbonyl probe. Biotin Hydrazide is a great choice for labeling mouse monoclonal antibodies, lectins, sugars, unpaired cytosine residues in nucleic acids, and glycoproteins.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO:6.6 mg/mL (25.55 mM; Need ultrasonic and warming); H ₂ O:2 mg/mL (7.74 mM; Need ultrasonic)
SMILES	: <chem>O=C(NN)CCCC[C@@H]1SC[C@]([C@]1([H])N2)([H])NC2=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wu J, et al. Two-dimensional gel electrophoretic detection of protein carbonyls derivatized with biotin-hydrazide. J Chromatogr B Analyt Technol Biomed Life Sci. 2016 Apr 15;1019:128-31.