

Biotin Hydrazide

Cat: IB5590

Storage: Powder: 2-8°C, 2 years (protect from light)

Introduction

Biotinyl hydrazide is a carbonyl reactive biotinylated compound, which is a carbonyl probe that can be used to modify carbonyl groups (such as aldehyde groups oxidized by sugar or ribose). It has been reported that biotin hydrazide can be used for the sugar part of biotinylated glycoproteins. Biotinyl hydrazide can be used to prepare biotin-labeled alginate and modify alginate. Biotin hydrazide can also be covalently linked to PAAc by carbodiimide crosslinking. Biotin hydrazide labeled mitochondrial proteins in non-muscle tissues: Or label surface functional groups, bioactive molecules (such as antibodies, lectins, sugars, nucleic acids, or molecules containing free carboxyl or ketone groups).

Parameter

CAS: 66640-86-6

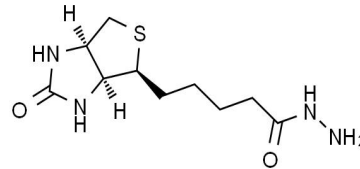
Molecular Formula: C₁₀H₁₈N₄O₂S

Molecular Weight: 258.34

Purity: ≥ 98%

Appearance: White to off-white Solid

Solubility: Soluble in DMSO ≥ 0.5mg/mL (Need ultrasonic or Water bath)



Note

1. Fluorescent dyes have quenching problems. Please try to avoid light to slow down fluorescence quenching.
2. For your safety and health, please wear experimental clothes and wear disposable gloves.
3. This product is for scientific research only. Do not use in medicine, clinical diagnosis or treatment, food and cosmetics. Do not store in ordinary residential areas