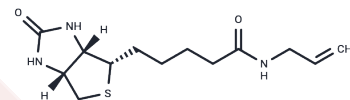


SNOB 1 Reagent

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 92924-45-3 |
| Formula: | C ₁₃ H ₂₁ N ₃ O ₂ S |
| Molecular Weight: | 283.39 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | SNOB 1 Reagent is a biotinylated probe for detecting S-nitrosylated proteins in a single step. S-Nitrosylated binding (SNOB) proceeds rapidly on surface proteins or cell lysates under normal physiological conditions. Proteins tagged with SNOB 1 Reagent can be analyzed using avidin-linked probes (e.g., by immunoblot) or by mass spectrometry. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | Ethanol: 0.1 mg/mL (0.35 mM),Sonication is recommended. DMF: 5 mg/mL (17.64 mM),Sonication is recommended. DMSO: 10 mg/mL (35.29 mM),Sonication is recommended. DMSO:PBS(pH 7.2) (1:3): 0.25 mg/mL (0.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5287 mL | 17.6435 mL | 35.2871 mL |
| 5 mM | 0.7057 mL | 3.5287 mL | 7.0574 mL |
| 10 mM | 0.3529 mL | 1.7644 mL | 3.5287 mL |
| 50 mM | 0.0706 mL | 0.3529 mL | 0.7057 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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