

Product Data Sheet

Product Name: SNOB 1 Reagent

Cat. No.: GC44909

Chemical Properties

Cas. No. 92924-45-3

SMILES O=C(NCC=C)CCCC[C@@H]1SC[C@@]2([H])[C@]1([H])NC(N2)=O

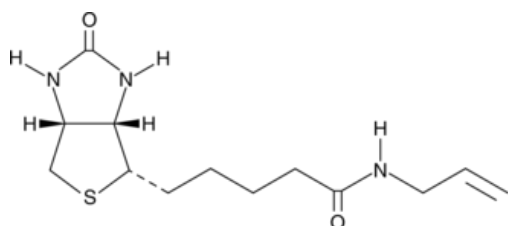
Formula C₁₃H₂₁N₃O₂S M.Wt 283.4

Solubility DMF: 5 mg/mL, DMSO: 10 mg/mL, DMSO: PBS (pH 7.2) (1:3): 0.25 mg/mL, Ethanol: 0.10 mg/mL
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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