

## Bicytin hydrazide

## Chemical Properties

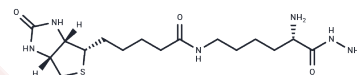
CAS No. : 102743-85-1

Formula: C<sub>16</sub>H<sub>30</sub>N<sub>6</sub>O<sub>3</sub>S

Molecular Weight: 386.51

Storage: Keep away from moisture, Store at low temperature  
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	Biocytin hydrazide is an aldehyde-fixable cellular tracer that can be introduced into cells by microinjection. Biocytin hydrazide can also be used to label glycoproteins or other carbohydrate molecules.
Targets(IC50)	Drug Metabolite

## Solubility Information

Solubility DMSO: 65 mg/mL (168.17 mM), Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5873 mL	12.9363 mL	25.8726 mL
5 mM	0.5175 mL	2.5873 mL	5.1745 mL
10 mM	0.2587 mL	1.2936 mL	2.5873 mL
50 mM	0.0517 mL	0.2587 mL	0.5175 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.

## Reference

Bayer EA, et al. Biocytin hydrazide--a selective label for sialic acids, galactose, and other sugars in glycoconjugates using avidin-biotin technology. Anal Biochem. 1988 May 1;170(2):271-81.

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