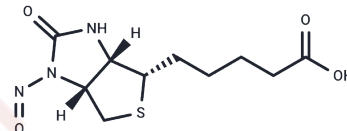


## Nitrosobiotin

## Chemical Properties

CAS No. : 56859-26-8  
 Formula: C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 273.31  
 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	Nitrosobiotin [4-keto-4-(6-(5-(311-(3,5-dihydroxyphenyl)-balanyl)-1-tetrahydro-2H-thiopyran-3-yl)amino)-2,4,6trihydroxyphen-1-yl]-is a cyclic monomeric lactone. It contains three carbonyl groups (one on each carbon) but without ethanol functionalities to connect a third thiol group.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6588 mL	18.2942 mL	36.5885 mL
5 mM	0.7318 mL	3.6588 mL	7.3177 mL
10 mM	0.3659 mL	1.8294 mL	3.6588 mL
50 mM	0.0732 mL	0.3659 mL	0.7318 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

Gaudiano A, et al. Colorimetric and gas chromatographic methods of determination of the biotin in pharmaceutical preparations. Ann Ist Super Sanita. 1977;13(4):783-91.

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