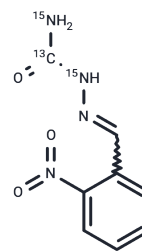


2-Nitrobenzaldehyde semicarbazone ¹³C,¹⁵N₂

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 760179-80-4 |
| Formula: | C ₈ H ₈ N ₄ O ₃ |
| Molecular Weight: | 211.156 |
| 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 | 2-Nitrobenzaldehyde semicarbazone ¹³ C, ¹⁵ N ₂ is utilized in the LC-MS/MS method for semicarbazide analysis. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.7357 mL | 23.6787 mL | 47.3575 mL |
| 5 mM | 0.9471 mL | 4.7357 mL | 9.4715 mL |
| 10 mM | 0.4736 mL | 2.3679 mL | 4.7357 mL |
| 50 mM | 0.0947 mL | 0.4736 mL | 0.9471 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

Adam Becalski, et al. Semicarbazide Formation in Azodicarbonamide-Treated Flour: A Model Study. J Agric Food Chem

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