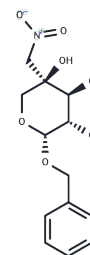


Phenylmethyl 4-C-(nitromethyl)- β -D-arabinopyranoside

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 383173-64-6 |
| Formula: | C ₁₃ H ₁₇ NO ₇ |
| Molecular Weight: | 299.28 |
| 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 | Phenylmethyl 4-C-(nitromethyl)- β -D-arabinopyranoside is a biochemical reagent utilized in glycobiology studies. Glycobiology explores the structure, synthesis, biology, and evolution of sugars, and encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the role of glycans in biological systems. This field closely connects with fundamental research, biomedicine, and biotechnology. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3414 mL | 16.7068 mL | 33.4135 mL |
| 5 mM | 0.6683 mL | 3.3414 mL | 6.6827 mL |
| 10 mM | 0.3341 mL | 1.6707 mL | 3.3414 mL |
| 50 mM | 0.0668 mL | 0.3341 mL | 0.6683 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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