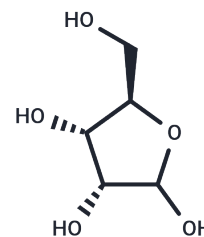


## D-Ribofuranose

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 613-83-2                                                 |
| Formula:          | C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>            |
| Molecular Weight: | 150.13                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|             |                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | D-Ribofuranose (D-Ribose), an endogenous metabolite found in cerebrospinal fluid, serves as a research tool for studying Ribose 5 Phosphate Isomerase Deficiency and Medium Chain Acyl Co A Dehydrogenase Deficiency [1] [2]. |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 6.6609 mL | 33.3045 mL | 66.6089 mL |
| 5 mM  | 1.3322 mL | 6.6609 mL  | 13.3218 mL |
| 10 mM | 0.6661 mL | 3.3304 mL  | 6.6609 mL  |
| 50 mM | 0.1332 mL | 0.6661 mL  | 1.3322 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.

**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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