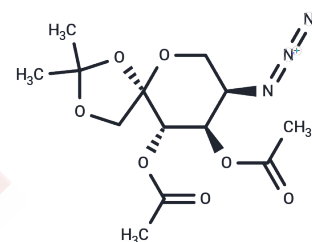


## 5-Azido-5-deoxy-3,4-di-O-acetyl-1,2-O-isopropylidene-β-D-fructose

### Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 94801-00-0   |
| Formula:          | C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>  |
| Molecular Weight: | 329.31   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><i>Actual storage temperature shall be subject to the COA.</i> |



### Biological Description

|               |   |
|---------------|---|
| Description   | 5-Azido-5-deoxy-3,4-di-O-acetyl-1,2-O-isopropylidene-β-D-fructose is a biochemical reagent utilized in glycoscience research. Glycoscience focuses on the study of carbohydrate structure, synthesis, biology, and evolution. It encompasses carbohydrate chemistry, the enzymology of glycan formation and degradation, protein-glycan interactions, and the functions of glycans in biological systems. This field is closely linked to fundamental research, biomedicine, and biotechnology. |
| Targets(IC50) | Others  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.0367 mL | 15.1833 mL | 30.3665 mL |
| 5 mM  | 0.6073 mL | 3.0367 mL  | 6.0733 mL  |
| 10 mM | 0.3037 mL | 1.5183 mL  | 3.0367 mL  |
| 50 mM | 0.0607 mL | 0.3037 mL  | 0.6073 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481