

## Certificate of Analysis

|                     |  |
|---------------------|--|
| <b>Product Name</b> | (2R,3S,4R)-2-(Hydroxymethyl)tetrahydrothiophene-3,4-diol |
| <b>Catalog No.</b>  | V55483   |

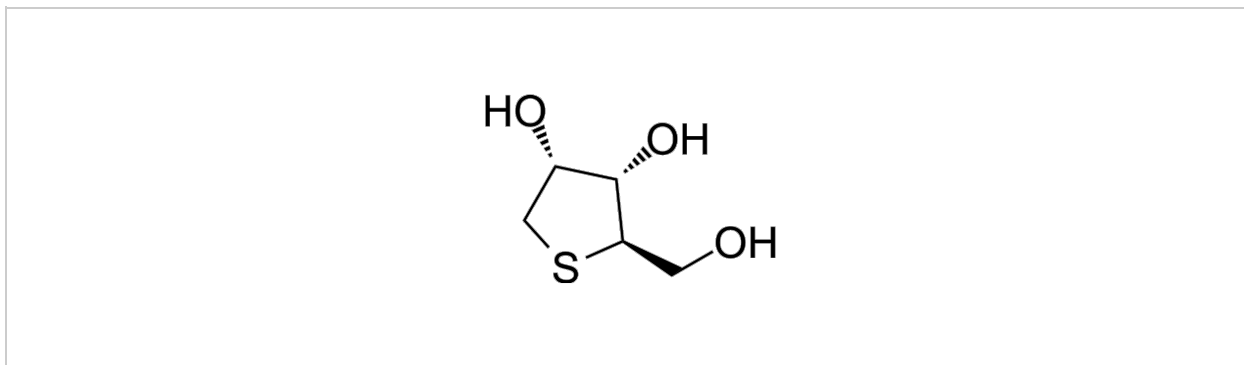
### 1. Physical and Chemical Properties

|                          |   |
|--------------------------|---|
| <b>Appearance</b>        | Typically exists as solid at room temperature   |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>10</sub> O <sub>3</sub> S |
| <b>Molecular Weight</b>  | 150.20  |
| <b>Purity</b>            | ≥98%  |
| <b>CAS No.</b>           | 190315-43-6                                     |

### 2. Analytical Data

|                      |                           |
|----------------------|---------------------------|
| <b>HPLC</b>          | Indicates ≥98% purity     |
| <b>NMR</b>           | Consistent with structure |
| <b>Mass Spectrum</b> | Consistent with structure |

### 3. Structure



### 4. Storage Condition

|                |            |       |          |
|----------------|------------|-------|----------|
| <b>Storage</b> | Powder     | -20°C | 3 years  |
|                |            | 4°C   | 2 years  |
|                | In solvent | -80°C | 6 months |
|                |            | -20°C | 1 month  |

**Products are for research use only · Not for human or veterinary use**

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