

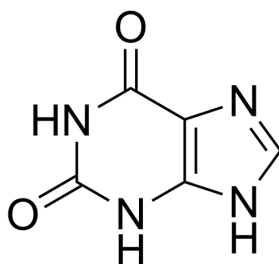
## Xanthine

|                |                                  |
|----------------|----------------------------------|
| Cat. No.:      | HY-W017389                       |
| CAS No.:       | 69-89-6                          |
| Batch No.:     | 273741                           |
| Chemical Name: | 1H-Purine-2,6-dione,3,9-dihydro- |

## PHYSICAL AND CHEMICAL PROPERTIES

|                           |   |       |          |
|---------------------------|---|-------|----------|
| <b>Molecular Formula:</b> | C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub> |       |          |
| <b>Molecular Weight:</b>  | 152.11  |       |          |
| <b>Storage:</b>           | Powder  | -20°C | 3 years  |
|                           |   | 4°C   | 2 years  |
|                           | In solvent  | -80°C | 6 months |
|                           |   | -20°C | 1 month  |

**Chemical Structure:**



## ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (HPLC):               | 99.91%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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