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**Product Data Sheet**

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Product Name: Xanthosine

Cat. No.: GC37942

**Chemical Properties**

Cas. No. 146-80-5

SMILES OC[C@@H]1[C@H]([C@H]([C@H](N2C=NC(C(N3)=O)=C2NC3=O)O1)O)OFormula C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>6</sub> M.Wt 284.23

Solubility DMSO: 33.33 mg/mL (117.26 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Xanthosine (Xanthine riboside) is an intermediate in purine metabolism, formed from IMP, and forming GMP.

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

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