

## Dihydroxyacetone phosphate hemimagnesium hydrate

## Chemical Properties

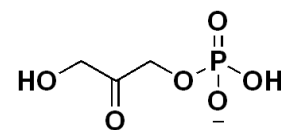
CAS No. :

Formula: C<sub>3</sub>H<sub>7</sub>O<sub>6</sub>P.1/2Mg.xH<sub>2</sub>O

Molecular Weight:

Storage: Store under nitrogen, Store at low temperature  
 Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

1/2 Mg<sup>2+</sup>X H<sub>2</sub>O

## Biological Description

Description	Dihydroxyacetone phosphate hemimagnesium salt hydrate is also known as dihydroxyacetone phosphate or 3-hydroxy-2-oxopropyl phosphate. Dihydroxyacetone phosphate hemimagnesium salt hydrate is found in all organisms from bacteria to humans. In humans, Dihydroxyacetone phosphate hemimagnesium salt hydrate is involved in many enzymatic reactions. Dihydroxyacetone phosphate hemimagnesium salt hydrate has been studied for the treatment of lymphoma, large cell lymphoma, and diffuse lymphoma.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 250 mg/mL, Sonication is recommended. DMSO: 10 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Reference

Qi Q , Kleppinger-Sparace K F , Sparace S A . The role of the triose-phosphate shuttle and glycolytic intermediates in fatty-acid and glycerolipid biosynthesis in pea root plastids[J]. Planta, 1994, 194(2):193-199.

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