

## Disodium clodronate tetrahydrate

Catalog No: #S3280

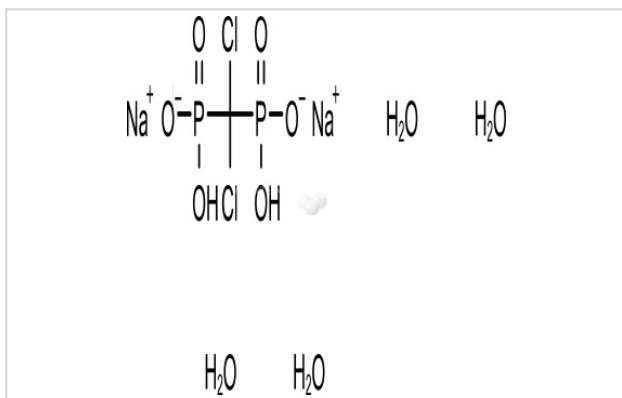
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## Description

Product Name	Disodium clodronate tetrahydrate
Brief Description	Inhibitors
Purification	98.00%
Target Name	IL Receptor; TNF inhibitor
Calculated MW	360.92
Formulation	CH10Cl2Na2O10P2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Endocrine system  
 SMILES: C(P(=O)(O)[O-])(P(=O)(O)[O-])(Cl)Cl.O.O.O.O.[Na+].[Na+]  
 Pathways: Apoptosis;  
 Immunology/Inflammation Receptor: IL-1 $\beta$ ; IL-6; TNF- $\alpha$   
 Boiling pt: Melting pt: Solubility: Soluble in Water  
 Appearance: Remark: 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.

## References

1. Pennanen, Niina et al. Pharmaceutical Research. 12 (6): 916C922.

Note: This product is for in vitro research use only