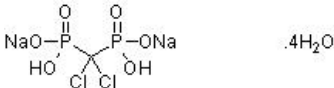


Product datasheet

Clodronate disodium, ATP-ADP transporter inhibitor
ab141919

1 Image

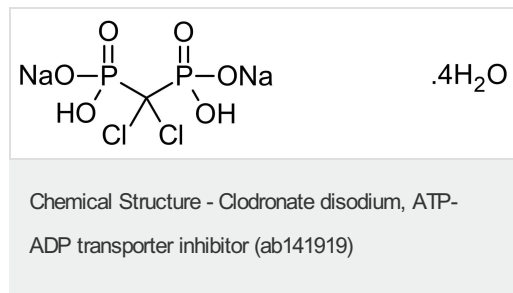
Overview

Product name	Clodronate disodium, ATP-ADP transporter inhibitor
Description	ATP-ADP transporter inhibitor
Biological description	ATP-ADP transporter inhibitor. Inhibits bone resorption and soft tissue calcification. Encapsulated in liposomes, depletes macrophages <i>in vivo</i> . Induces apoptosis in osteoclasts.
Purity	> 98%
CAS Number	22560-50-5
Chemical structure	

Properties

Chemical name	[Dichloro[hydroxy(oxido)phosphoryl]methyl]hydroxyphosphinate disodium salt tetrahydrate
Molecular weight	360.92
Molecular formula	CH ₂ Cl ₂ Na ₂ O ₆ P ₂ ·4H ₂ O
PubChem identifier	31195
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C(P(=O)(O)[O-])(P(=O)(O)[O-])(Cl)Cl.[Na+].[Na+]
Source	Synthetic

Images



2D chemical structure image of ab141919, Clodronate disodium, ATP-ADP transporter inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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