

Product Data Sheet

Product Name: Etidronic acid monohydrate

Cat. No.: GD11650

Chemical Properties

Cas. No. 25211-86-3

Formula $C_2H_{10}O_8P_2$

M.Wt 224.04

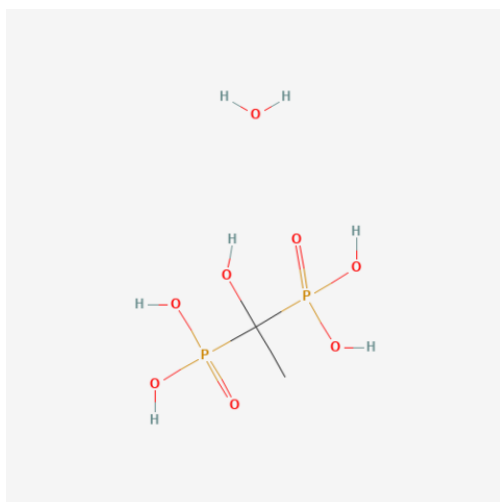
Solubility

Storage Store at room temperature, keep dry and cool.

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

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

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Etidronic acid, 60% in water (Etidronate) monohydrate is a strong complexing agent that can be used as a chelating agent to remove heavy metals from water^[1].

References:

[1]. Zhu S, et al. In-Depth Study of Heavy Metal Removal by an Etidronic Acid-Functionalized Layered Double Hydroxide. ACS Appl Mater Interfaces. 2022 Feb 9;14(5):7450-7463.

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