

Product Data Sheet

Product Name: Pamidronate disodium pentahydrate

Cat. No.: GC36846

Chemical Properties

Cas. No. 109552-15-0

SMILES OC(P([O-])(O)=O)(CCN)P([O-])(O)=O.O.O.O.O.[Na+].[Na+].O

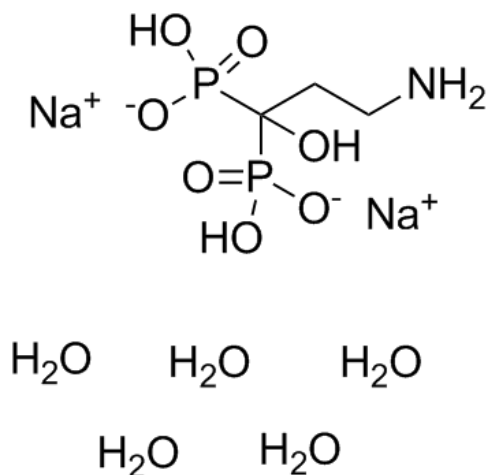
Formula $C_3H_9NNa_2O_7P_2$ M.Wt 279.03

Solubility Water: 7.14 mg/mL (19.34 mM); Storage Store at -20°C
DMSO: < 1 mg/mL (insoluble or slightly soluble)

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

Pamidronate disodium pentahydrate is a nitrogen-containing bisphosphonate, used to prevent osteoporosis.

[1]. Kubalek I, et al. Treatment of reflex sympathetic dystrophy with pamidronate: 29 cases. Rheumatology (Oxford). 2001 Dec;40(12):1394-7. [2]. Zarychanski R, et al. Osteonecrosis of the jaw

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

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associated with pamidronate therapy. Am J Hematol. 2006 Jan;81(1):73-5.

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