

Product Data Sheet

Product Name: Neridronate

Cat. No.: GC36723

Chemical Properties

Cas. No. 79778-41-9

SMILES OC(P(O)(O)=O)(CCCCCN)P(O)(O)=O

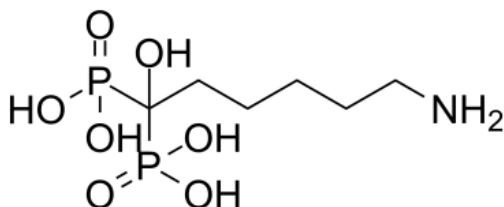
Formula $C_6H_{17}NO_7P_2$ M.Wt 277.15

Solubility Water: 18.75 mg/mL (67.65 mM) Storage Store at -20°C

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

Neridronate is an aminobisphosphonate, licensed in Italy for the treatment of osteogenesis imperfecta (OI) and Paget's disease of bone (PDB). Neridronate is effective also in other skeletal diseases such as osteoporosis, algodystrophy, hypercalcemia of malignancy, and bone metastases[1][2].

[1]. Gatti D, et al. Clinical development of neridronate: potential for new applications. Ther Clin Risk Manag. 2013;9:139-47. [2]. Guiducci L, et al. Monthly Intramuscular Neridronate for the Treatment of

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Postmenopausal Osteoporosis: Results of a 6-Year Prospective Italian Study. Int J Endocrinol. 2019 Feb 6;2019:9802827.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA