

Product Data Sheet

Product Name: Tiludronate disodium

Cat. No.: GC38113

Chemical Properties

Cas. No. 149845-07-8

SMILES O=P(O)(O[Na])C(P(O)(O[Na])=O)SC1=CC=C(Cl)C=C1

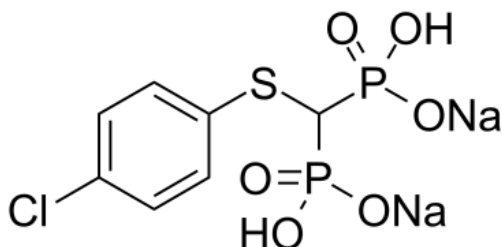
Formula C7H7ClNa2O6P2S M.Wt 362.57

Solubility Water: 41.67 mg/mL (114.93 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

Tiludronate disodium (Tiludronic Acid disodium) is a new bisphosphonate, which prevents postmenopausal bone loss. Tiludronate disodium (Tiludronic Acid disodium) presents antiresorptive and anti-inflammatory properties[1][2].

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

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[1]. Reginster JY, et al. Prevention of postmenopausal bone loss by tiludronate. Lancet. 1989 Dec 23-30;2(8678-8679):1469-71. [2]. Nunes NLT, et al. Effects of local administration of tiludronic acid on experimental periodontitis in diabetic rats. J Periodontol. 2018 Jan;89(1):105-116.

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