
Product Data Sheet

Product Name: TH 1217
Cat. No.: GC50483

Chemical Properties

Cas. No. 1862212-48-3

SMILES CC1=NC2=C([N+])([O-])=O)C(Cl)=C(C=C2N1CC3=CC=C([B-])45OC(C[N+](CC(O5)=O)4C)=O)C=C3)Cl

Formula C₂₀H₁₇BCl₂N₄O₆ M.Wt 491.09

Solubility Soluble in DMSO 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

Potent dCTPase pyrophosphatase 1 inhibitor (IC₅₀ = 47 nM). TH 1217 is not stable in aqueous solution. It is recommended that fresh samples are prepared and used immediately.

Llona-Minguez et al (2016) Discovery of the first potent and selective inhibitors of human dCTP pyrophosphatase 1. J.Med.Chem. 59 1140 PMID:26771665

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