
Product Data Sheet

Product Name: Odiparcil
Cat. No.: GC36792

Chemical Properties

Cas. No. 137215-12-4

SMILES O=C1OC2=CC(OC3[C@H](O)[C@@H](O)[C@H](O)CS3)=CC=C2C(C)=C1

Formula C15H16O6S M.Wt 324.35

Solubility DMSO : 100 mg/mL (308.31 mM; Need ultrasonic) 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

Odiparcil (SB-424323) is an orally active beta-d-thioxyloside analog with antithrombotic activity associated with a reduced risk of adverse bleeding events. Odiparcil (SB-424323) is indirect thrombin inhibitor that exerts its anticoagulant effect through activation of antithrombin II (heparin cofactor II) [1][2]. Thrombin[2]

[1]. Myers AL, et al. Characterization of total plasma glycosaminoglycan levels in healthy volunteers following oral administration of a novel antithrombotic odiparcil with aspirin or enoxaparin. J Clin Pharmacol. 2008 Oct;48(10):1158-70 [2]. Levy JH, et al. Novel oral anticoagulants: implications in the perioperative setting. Anesthesiology. 2010 Sep;113(3):726-45.

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

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