

Product Data Sheet

Product Name: GSK1702934A

Cat. No.: GC39198

Chemical Properties

Cas. No. 924377-85-5

SMILES O=C1NC2=CC=CC=C2N1C3CCN(C(C4=CC(CCCCC5)=C5S4)=O)CC3

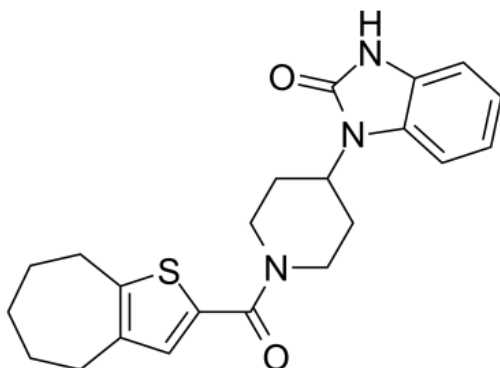
Formula $C_{22}H_{25}N_3O_2S$ M.Wt 395.52

Solubility DMSO : 100 mg/mL (252.83 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

GSK1702934A is a selective TRPC3 agonist. GSK1702934A modulates cardiac contractility and arrhythmogenesis by activation of TRPC3[1][2].

[1]. de la Cruz GG, et al. Intensified Microwave-Assisted N-Acylation Procedure - Synthesis and Activity Evaluation of TRPC3 Channel Agonists with a 1,3-Dihydro-2H-benzo[d]imidazol-2-one Core. Synlett. 2017 Apr;28(6):695-700. [2]. Doleschal B, et al. TRPC3 contributes to regulation of cardiac

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

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contractility and arrhythmogenesis by dynamic interaction with NCX1. Cardiovasc Res. 2015 Apr 1;106(1):163-73.

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