

Product Data Sheet

Product Name: ARUK2001607

Cat. No.: GC73390

Chemical Properties

Cas. No. 2924824-56-4

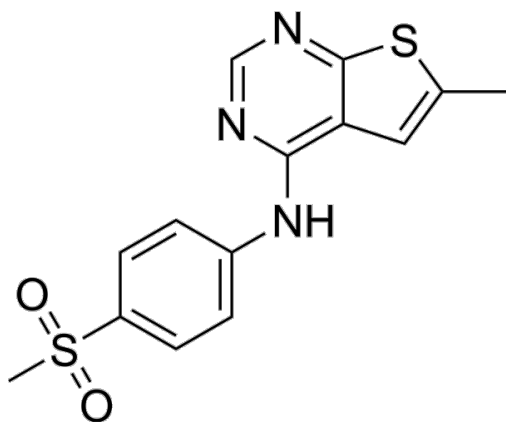
Formula $C_{14}H_{13}N_3O_2S_2$ M.Wt 319.4

Solubility DMSO : 25 mg/mL (78.27 mM); ultrasonic and warming and heat to 60°C) Storage -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

ARUK2001607 is a selective phosphatidylinositol 5-phosphate 4-kinase γ (PI5P4K γ) inhibitor with a K_d of 7.1 nM. ARUK2001607 shows high selectivity over other >150 kinases.

In Vivo Mouse Pharmacokinetics Parameters for Selected ARUK2001607 (15) (5 mg/kg; ip Administration)[1]

References:

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

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[1]. Timot P C Rooney, et al. The Identification of Potent, Selective, and Brain Penetrant PI5P4Ky Inhibitors as In Vivo-Ready Tool Molecules. J Med Chem. 2022 Dec 14.

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