
Product Data Sheet

Product Name: URAT1 inhibitor 1

Cat. No.: GC65362

Chemical Properties

Cas. No. 2268720-62-1

Formula C₁₉H₁₅Br₂N₅O₂S₂

M.Wt 569.29

Solubility DMSO : 125 mg/mL (219.57 mM; ultrasonic and warming and heat to 60°C)

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

URAT1 inhibitor 1 (1g) is a uric acid transporter 1 (URAT1) inhibitor, with an IC₅₀ of 32 nM. URAT1 inhibitor 1 has potential to treat hyperuricemia associated with gout[1].

[1]. Wu JW, et al. Synthesis, biological evaluation and 3D-QSAR studies of 1,2,4-triazole-5-substituted carboxylic acid bioisosteres as uric acid transporter 1 (URAT1) inhibitors for the treatment of hyperuricemia associated with gout. *Bioorg Med Chem Lett.* 2019 Feb 1;29(3):383-388.

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

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