
Product Data Sheet

Product Name: ZL0590
Cat. No.: GC64529

Chemical Properties

Cas. No. 2230496-99-6

Formula C₂₃H₂₇F₃N₄O₄S M.Wt 512.55

Solubility DMSO : 100 mg/mL (195.10 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

ZL0590 is a potent, orally active BRD4 BD1-selective inhibitor with an IC₅₀ of 90 nM for human BRD4 BD1. ZL0590 exhibits significant anti-inflammatory activities[1].

[1]. Liu Z, et al. Discovery, X-ray Crystallography, and Anti-inflammatory Activity of Bromodomain-containing Protein 4 (BRD4) BD1 Inhibitors Targeting a Distinct New Binding Site. J Med Chem. 2022;65(3):2388-2408.

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

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