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## Product Data Sheet

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Product Name: Zaloglanstat

Cat. No.: GC63394

### Chemical Properties

Cas. No. 1513852-12-4

Formula  $C_{21}H_{20}ClF_3N_4O_2$

M.Wt 452.86

Solubility DMSO : 250 mg/mL (552.05 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

Zaloglanstat (ISC-27864) is the inhibitor of the microsomal prostaglandin E synthase-1 (mPGES-1), and can be used to study asthma, osteoarthritis, rheumatoid arthritis, acute or chronic pain and neurodegenerative diseases, etc[1].

[1]. Di Micco S, Terracciano S, Ruggiero D, Potenza M, Vaccaro MC, Fischer K, Werz O, Bruno I, Bifulco G. Identification of 2-(thiophen-2-yl)acetic Acid-Based Lead Compound for mPGES-1 Inhibition. *Front Chem.* 2021 May 7;9:676631.

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

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