

Product Data Sheet

Product Name: STAT6-IN-10

Cat. No.: GC79469

Chemical Properties

Cas. No. 3092076-19-9

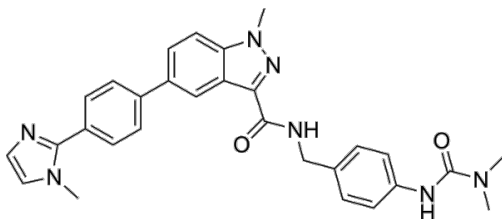
Formula $C_{29}H_{29}N_7O_2$ M.Wt 507.59

Solubility DMSO: 25 mg/mL (49.25 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

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

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STAT6-IN-10 is a STAT6 (signal transducer and activator of transcription 6) inhibitor with an EC 50 of 2 nM. STAT6-IN-10 can inhibit the secretion of CCL17 in human peripheral whole blood. STAT6-IN-10 can be used in the research of dermatological and respiratory system diseases [1].

In Vitro, STAT6-IN-10 (Example 10) can inhibit the secretion of CCL17 in human peripheral whole blood, and its IC₅₀ is 0.095 μ M^[1].

References:

[1]. Chulho Cho, et al. Nitrogen-containing heteroaryl compounds for the treatment of chronic disease. WO2025133961. 2025-06-26.

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