

Product Data Sheet

Product Name: STAT6-IN-8

Cat. No.: GC79471

Chemical Properties

Cas. No. 3033741-50-0

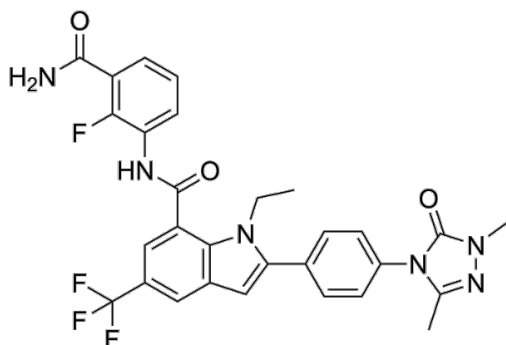
Formula $C_{29}H_{24}F_4N_6O_3$ M.Wt 580.53

Solubility DMSO: ≥ 100 mg/mL (172.26 mM) 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

STAT6-IN-8 is a STAT6 inhibitor with an IC_{50} of $0.45 \mu\text{mol/L}$. STAT6-IN-8 exhibits potential anti-inflammatory and anti-allergic effects. STAT6-IN-8 can be used for the research of atopic dermatitis [1].

In Vitro, STAT6-IN-8 (example 9) (0.1 – $1 \mu\text{mol/L}$) inhibits STAT6 in HEK293 cells with inhibition rates of 10% and 76%, at 0.1 and $1 \mu\text{mol/L}$, respectively [1].

References:

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

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[1]. Fused ring compound and pharmaceutical containing same. WO2024071439A1.

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