

Product Data Sheet

Product Name: JAK1-IN-11

Cat. No.: GC73456

Chemical Properties

Cas. No. 2427608-43-1

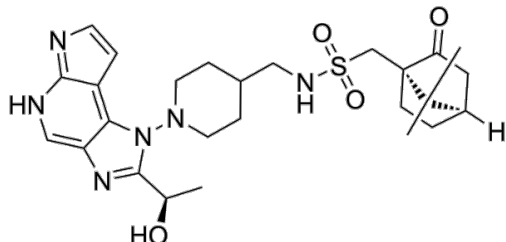
Formula $C_{26}H_{36}N_6O_4S$ M.Wt 528.67

Solubility DMSO : 100 mg/mL (189.15 mM; Storage -20°C
Need ultrasonic)

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

JAK1-IN-11 (compound 11) is a potent inhibitor of JAK, with IC₅₀s of 0.02 nM (JAK1), and 0.44 nM (JAK2), respectively. JAK1-IN-11 has high selectivity against JAK1 over JAK2.

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

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References:

[1]. Shen W. et al. Amide or sulfonamide substituted drazine derivative applied as JAK kinase inhibitor. China, CN110724142 A. 2020-01-24.

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