
Product Data Sheet

Product Name: JAK1-IN-7

Cat. No.: GC36363

Chemical Properties

Cas. No. 2241039-81-4

SMILES FC1=C(S(C)(=O)=O)C=CC=C1NC2=NC(C3=CNC4=C3C=CC=C4NC([C@@H](COC)N5CCN(C)CC5)=O)=C(F)C=N2Formula C₂₈H₃₁F₂N₇O₄S

M.Wt 599.65

Solubility DMSO : 71.43 mg/mL (119.12 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**

JAK1-IN-7 is a Janus-associated kinase 1 (JAK1) inhibitor extracted from patent WO2018134213A1, Example 63, has an anti-inflammatory effect[1]. JAK1

[1]. NILSSON, Karl, Magnus, et al. Jak1 selective inhibitors. WO2018134213A1.

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

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