

Product Data Sheet

Product Name: JNJ-49095397

Cat. No.: GC70499

Chemical Properties

Cas. No. 1220626-82-3

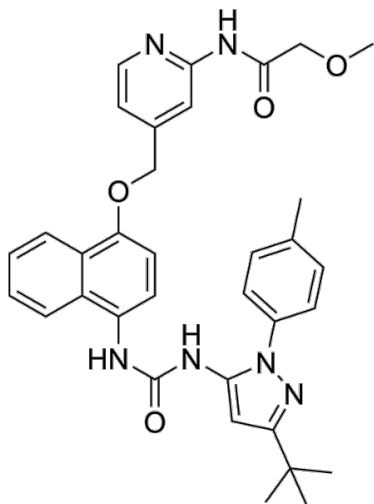
Formula $C_{34}H_{36}N_6O_4$ M.Wt 592.69

Solubility DMSO : 100 mg/mL (168.72 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

JNJ-49095397 (RV568) is an inhaled narrow-spectrum kinase inhibitor (NSKI) against both the α and γ isoforms of p38 MAPK. JNJ-49095397 also inhibits SRC kinase family, specifically haematopoietic kinase (HCK) JNJ-49095397 shows potent anti-inflammatory effects and can be used for the research of chronic obstructive pulmonary disease (COPD) and asthma.

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

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JNJ-49095397 (RV568) (1 pg-1 µg/mL; 4 h) inhibits LPS-induced CXCL8 release in PBMCs and d-U937 cells^[1].

JNJ-49095397 (1 µg-1 g/mL; 4 h) inhibits TNFα-induced interleukin (IL)-6 and CXCL8 release in a concentration-dependent manner^[1].

JNJ-49095397 (RV568) (1-20 µg/mouse; intratracheal; once) shows anti-inflammatory activities in LPS-induced neutrophil accumulation mouse model^[1].

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