

Product Data Sheet

Product Name: Pyk2-IN-2

Cat. No.: GC74116

Chemical Properties

Cas. No. 1271418-15-5

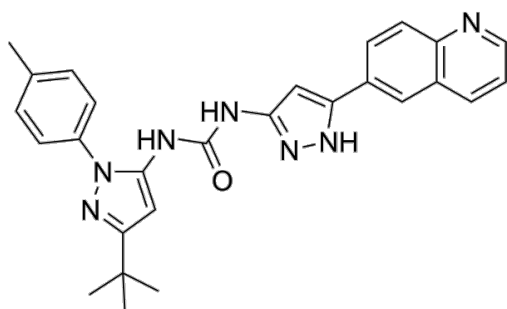
Formula $C_{27}H_{27}N_7O$ M.Wt 465.55

Solubility DMSO : 100 mg/mL (214.80 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture and light

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

Pyk2-IN-2 (compound 13j) is an inhibitor of Pyk2 with an IC₅₀ of FAK kinase of 0.608 μM.

Pyk2-IN-2 (compound 13j) has an IC₅₀ of 55 nM against PYK2 cells[1].

The HLM blood clearance of Pyk2-IN-2 (compound 13j) is 31 mL/min/kg[1]. Pharmacokinetic Analysis

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

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in male Wistar-Han rats[1]

References:

[1]. Bhattacharya SK, et al. Identification of novel series of pyrazole and indole-urea based DFG-out PYK2 inhibitors. Bioorg Med Chem Lett. 2012 Dec 15;22(24):7523-9.

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