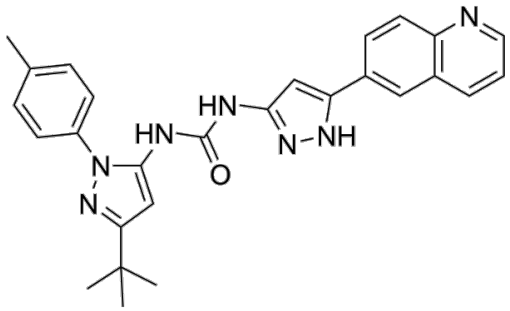
Product Data Sheet

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

Product Data Sheet

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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA