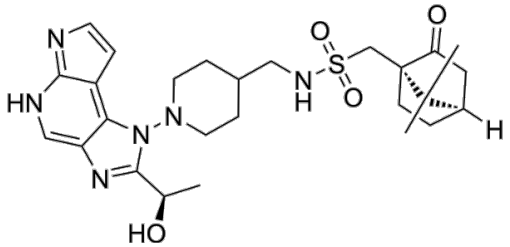
Product Data Sheet

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; Need ultrasonic)	Storage	-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-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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