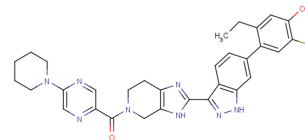


PF-06263276

Chemical Properties

CAS No.: 1421502-62-6
Formula: C₃₁H₃₁FN₈O₂
Molecular Weight: 566.63
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PF-06263276 is an effective and selective inhibitor of pan-JAK. It also has IC ₅₀ s of 2.2 nM, 23.1 nM, 59.9 nM and 29.7 nM for JAK1, JAK2, JAK3, and TYK2, respectively.
Targets(IC ₅₀)	JAK1: 2.2 nM JAK2: 23.1 nM JAK3: 59.9 nM Tyk2: 29.7 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.765 mL	8.824 mL	17.648 mL
5 mM	0.353 mL	1.765 mL	3.53 mL
10 mM	0.176 mL	0.882 mL	1.765 mL
50 mM	0.035 mL	0.176 mL	0.353 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Jones P, et al. Design and Synthesis of a Pan-Janus Kinase Inhibitor Clinical Candidate (PF-06263276) Suitable for Inhaled and Topical Delivery for the Treatment of Inflammatory Diseases of the Lungs and Skin. J Med Chem. 2017 Jan 26;60(2):767-786.

Inhibitors · Natural Compounds · Compound Libraries

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