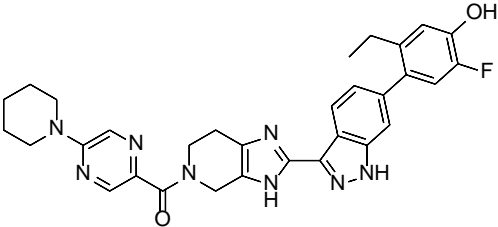


# Product data sheet



MedKoo Cat#: 530381 Name: PF-06263276 CAS: 1421502-62-6 Chemical Formula: C <sub>31</sub> H <sub>31</sub> FN <sub>8</sub> O <sub>2</sub> Exact Mass: 566.2554 Molecular Weight: 566.6414	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

## 1. Product description:

PF-06263276 is a potent and selective pan-JAK inhibitor which is suitable for Inhaled and Topical Delivery for the Treatment of Inflammatory Diseases of the Lungs and Skin. PF-06263276 has IC<sub>50</sub> values = JAK1 2.2 nM; JAK2 23.1 nM; JAK3 59.9 nM. Janus kinases, JAKs, are a family of tyrosine kinases comprising four members (JAK1, -2, -3, and Tyk2). They play a critical role in both innate and adaptive immunity, since they function as key transducers in the signaling processes of many cytokine receptors.

## 2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

## 3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
TBD	TBD	TBD

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.76 mL	8.82 mL	17.65 mL
5 mM	0.35 mL	1.76 mL	3.53 mL
10 mM	0.18 mL	0.88 mL	1.76 mL
50 mM	0.04 mL	0.18 mL	0.35 mL

## 5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

## 6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

## 7. Bioactivity

Biological target:

PF-06263276 (PF 6263276) is a potent and selective pan-JAK inhibitor, with IC<sub>50</sub>s of 2.2 nM, 23.1 nM, 59.9 nM and 29.7 nM for JAK1, JAK2, JAK3 and TYK2.

In vitro activity

TBD

In vivo activity

TBD

# Product data sheet



*Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.*