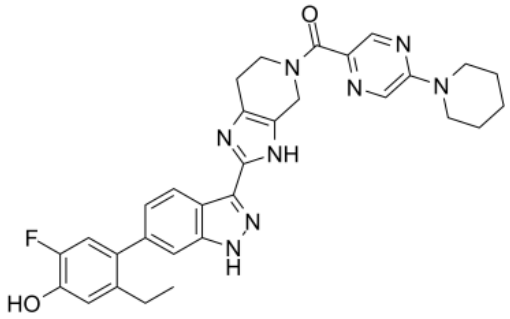
Product Data Sheet

Product Name: PF-06263276
Cat. No.: GC36882

Chemical Properties

Cas. No.	1421502-62-6		
SMILES	FC1=C(O)C=C(CC)C(C2=CC(NN=C3C4=NC5=C(CN(C(C6=NC=C(N7CCCCC7)N=C6)=O)CC5)N4)=C3C=C2)=C1		
Formula	$C_{31}H_{31}FN_8O_2$	M.Wt	566.63
Solubility	DMSO : 33.33 mg/mL (58.82 mM; Need ultrasonic)	Storage	Store at -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

PF-06263276 (PF 6263276) is a potent and selective pan-JAK inhibitor, with IC50s of 2.2 nM, 23.1 nM, 59.9 nM and 29.7 nM for JAK1, JAK2, JAK3 and TYK2, respectively[1]. JAK1|2.2 nM (IC50)|JAK2|23.1 nM (IC50)|JAK3|59.9 nM (IC50)|Tyk2|29.7 nM (IC50)

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

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