

LY2784544

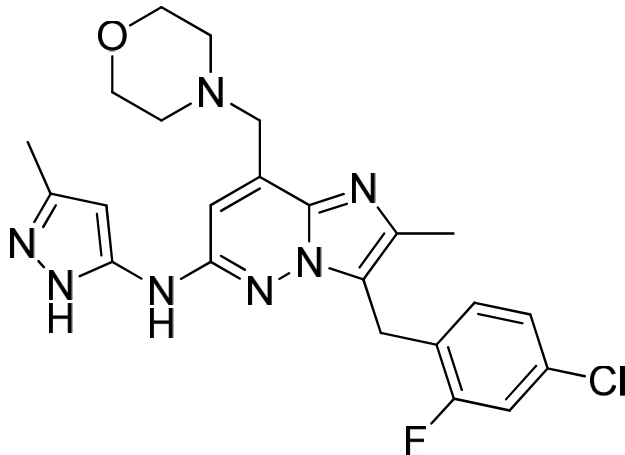
SYN-1196

3-(4-chloro-2-fluorobenzyl)-2-methyl-N-(3-methyl-1H-pyrazol-5-yl)-8-(morpholinomethyl)imidazo[1,2-b]pyridazin-6-amine

CAS Registry No.: 1229236-86-5

Smiles String:

```
CC1=C(CC2=C(F)C=C(Cl)C=C2)N3N=C(NC4=CC(C)=NN4)C=C(CN5CCOCC5)C3=N1
```



Molecular Weight: 469.94

Molecular Formula: C₂₃H₂₅ClF₂N₇O

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

Description:

LY2784544 is a potent JAK2 inhibitor with IC₅₀ of 3 nM, effective in JAK2V617F, 8- and 20-fold selective versus JAK1 and JAK3.

Biological Activity

Kinome Mapping

Shipping and Storage Temperature

Shipping:

Ambient

Storage:

2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

Solubility

DMSO 94 mg/mL, Ethanol <9mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.4700	4.7000	9.4000	23.5000

References

1. Cohen RB, Aamdal S, Nyakas M, Cavallin M, Green D, Learoyd M, Smith I, Kurzrock R. A phase I dose-finding, safety and tolerability study of AZD8330 in patients with advanced malignancies. *Eur J Cancer*. 2013 May;49(7):1521-9. doi: 10.1016/j.ejca.2013.01.013. Epub 2013 Feb 21. PubMed PMID: 23433846.

Ordering Information

To order more of this or any other SYNkinase compound, go to synkinase.com, Call us Toll Free (US Only) at 1- 877-854-6273 or email orders@synkinase.com.

Product Datasheet (Rev. 1.1)