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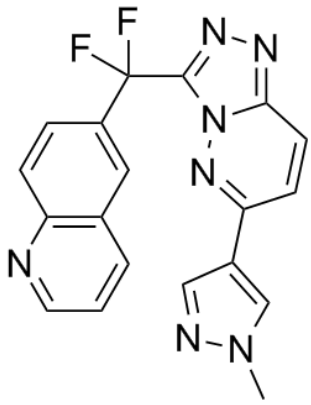
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	JNJ-38877605
Cat. No.	:	PC-45841
CAS No.	:	943540-75-8
Molecular Formula	:	$C_{19}H_{13}F_2N_7$
Molecular Weight	:	377.3502
Target	:	c-Met (HGFR)
Solubility	:	DMSO: ≥ 30 mg/mL



Biological Activity

JNJ-38877605 is a potent, selective, ATP-competitive inhibitor of catalytic activity **c-Met** with IC50 of 4 nM.
JNJ-38877605 exhibits >600-fold selectivity (cFMS IC50=2.6 uM, the next potently inhibited kinase) against a panel of 250 diverse tyrosine and serine-threonine kinases.
JNJ-38877605 inhibits Met phosphorylation associated with dose-dependent tumor growth inhibition in tumor xenograft models; orally bioavailable.

References

Peter King, et al. DOI: 10.1158/1538-7445.AM10-3628 Published April 2010

Lolkema MP, et al. ***Clin Cancer Res.*** 2015 May 15;21(10):2297-2304.

Galimi F, et al. ***Clin Cancer Res.*** 2011 May 15;17(10):3146-56.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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