

**Product Name** : JNJ-38877605

**Synonyms** : JNJ38877605; JNJ 38877605

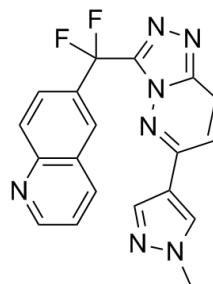
**Cat No.** : M16759

**CAS Number** : 943540-75-8

**Molecular Formula** : C<sub>19</sub>H<sub>13</sub>F<sub>2</sub>N<sub>7</sub>

**Formula Weight** : 377.35

**Chemical Name** : Quinoline, 6-[difluoro[6-(1-methyl-1H-pyrazol-4-yl)-1,2,4-triazolo[4,3-b]pyridazin-3-yl]methyl]-



**Description** : JNJ-38877605 is a potent, selective, ATP-competitive inhibitor of catalytic activity c-Met with IC<sub>50</sub> of 4 nM; exhibits >600-fold selectivity (cFMS IC<sub>50</sub>=2.6 uM; the next potently inhibited kinase) against a panel of 250 diverse tyrosine and serine-threonine kinases; inhibits Met phosphorylation associated with dose-dependent tumor growth inhibition in tumor xenograft models; orally bioavailable. Solid Tumors Phase 1 Discontinued

**Pathway** : Angiogenesis

**Target** : c-Met/HGFR

**Receptor** : c-Met

**Solubility** : DMSO: ≥ 30 mg/mL

**SMILES** : CN1N=C(C2=NN3C(C=C2)=NN=C3C(C4=CC=C5N=CC=CC5=C4)(F)F)C=C1

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Peter King, et al. DOI: 10.1158/1538-7445.AM10-3628 Published April 2010| 2. Lolkema MP, et al. Clin Cancer Res. 2015 May 15;21(10):2297-2304.| 3. Galimi F, et al. Clin Cancer Res. 2011 May 15;17(10):3146-56.