



JNJ-38877605

Kinase Inhibitor

E1KS1114

Kinase Inhibitor Name: JNJ-38877605

Catalog Number: E1KS1114

Quantity: 2mg

1. PHYSICAL AND CHEMICAL PROPERTIES

M.W.: 377.35

Formula: C₁₉H₁₃F₂N₇

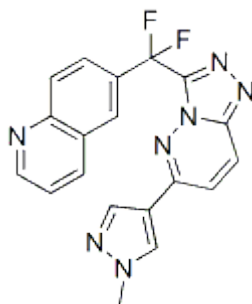
Solubility: DMSO ≥76mg/mL Water <1mg/mL Ethanol ≥2mg/mL

Purity: >99%

Storage: at -20°C 2 years

CAS No.: 943540-75-8

Molecular Structure:



2. Biological Activity

JNJ-38877605 is an orally bioavailable, highly specific MET inhibitor (selective over other 229 kinases tested). This agent inhibits c-MET and Phospho-MET with IC₅₀ at 4 nmol/L and 50 nmol/L, respectively. In addition, JNJ-38877605 induces regression of U87-MG xenografts in vivo. [1]

3. References:

Drug development of MET inhibitors: targeting oncogene addiction and expedience Paolo M. Comoglio, Silvia Giordano, et al. Drug Discovery June2008;7:504-516

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

For Research Use Only