Data Sheet (Cat.No.T70444)



Edicotinib HCl

Chemical Properties

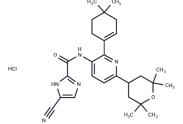
CAS No.: 1559069-92-9

Formula: C27H36ClN5O2

Molecular Weight: 498.07

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| Description | Edicotinib, also known as JNJ-40346527, is a small molecule and orally available |
|-------------|--|
| | inhibitor of colony-stimulating factor-1 receptor (CSF1R; FMS) with potential |
| | antineoplastic activity. FMS tyrosine kinase inhibitor JNJ-40346527 blocks the receptor- |
| * | ligand interaction between FMS and its ligand CSF1, thereby preventing |
| | autophosphorylation of FMS. As a result, unphosphorylated FMS cannot activate FMS- |
| | mediated signaling pathways, thus potentially inhibiting cell proliferation in FMS- |
| | overexpressed tumor cells. |

Preparing Stock Solutions

| ⊗ | 1mg | 5mg 🕒 | 10mg | |
|----------|-----------|------------|------------|--|
| 1 mM | 2.0077 mL | 10.0387 mL | 20.0775 mL | |
| 5 mM | 0.4015 mL | 2.0077 mL | 4.0155 mL | |
| 10 mM | 0.2008 mL | 1.0039 mL | 2.0077 mL | |
| 50 mM | 0.0402 mL | 0.2008 mL | 0.4015 mL | |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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