

|                          |                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : PF-04136309                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>          | : INCB8761;PF-4136309;PF4136309                                                                                                                                                                                                                                                                                                                           |
| <b>Cat No.</b>           | : M11368                                                                                                                                                                                                                                                                                                                                                  |
| <b>CAS Number</b>        | : 1341224-83-6                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Formula</b> | : C <sub>29</sub> H <sub>31</sub> F <sub>3</sub> N <sub>6</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                            |
| <b>Formula Weight</b>    | : 568.59                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chemical Name</b>     | : (S)-N-(2-(3-((4-hydroxy-4-(5-(pyrimidin-2-yl)pyridin-2-yl)cyclohexyl)amino)pyrrolidin-1-yl)-2-oxoethyl)-3-(trifluoromethyl)benzamide                                                                                                                                                                                                                    |
| <b>Description</b>       | : PF-4136309 (INCB8761) is a potent, selective, competitive, reversible full CCR2 antagonist with IC <sub>50</sub> of 2-5 nM; depletes inflammatory monocytes and macrophages from the primary tumor and premetastatic liver resulting in enhanced antitumor immunity, decreased tumor growth, and reduced metastasis. Pancreatic Cancer Phase 2 Clinical |
| <b>Pathway</b>           | : GPCR/G Protein                                                                                                                                                                                                                                                                                                                                          |
| <b>Target</b>            | : Chemokine Receptor                                                                                                                                                                                                                                                                                                                                      |
| <b>Receptor</b>          | : CCR2                                                                                                                                                                                                                                                                                                                                                    |
| <b>Solubility</b>        | : DMSO: ≥32 mg/mL ( < 1 mg/ml refers to the product slightly soluble or insoluble )                                                                                                                                                                                                                                                                       |
| <b>SMILES</b>            | : <chem>O=C(NCC(N1C[C@@H](NC2CCC(C3=NC=C(C4=NC=CC=N4)C=C3)(O)CC2)CC1)=O)C5=CC=CC(C(F)(F)F)=C5</chem>                                                                                                                                                                                                                                                      |
| <b>Storage</b>           | : (-20°C)                                                                                                                                                                                                                                                                                                                                                 |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                                                                                                                                                                                                                                               |
| <b>Reference</b>         | :                                                                                                                                                                                                                                                                                                                                                         |

1. Sanford DE, et al. Clin Cancer Res. 2013 Jul 1;19(13):3404-15. | 2. Nywening TM, et al. Lancet Oncol. 2016 May;17(5):651-62. | 3. Xue CB, et al. ACS Med Chem Lett. 2011 Oct 5;2(12):913-8.