

Catalog	Unit
TBI4261-5MG	5 mg
TBI4261-25MG	25 mg

### Product Details

**Formal Name:** N-[2-[(3S)-3-[[4-Hydroxy-4-(5-pyrimidin-2-yl)pyridin-2-yl]cyclohexyl]amino]pyrrolidin-1-yl]-2-oxoethyl]-3-(trifluoromethyl)benzamide

**Alternate Names:** INCB8761

**Molecular Formula:** C<sub>29</sub>H<sub>31</sub>F<sub>3</sub>N<sub>6</sub>O<sub>3</sub>

**Formula Weight:** 568.60

**CAS Number:** 1341224-83-6

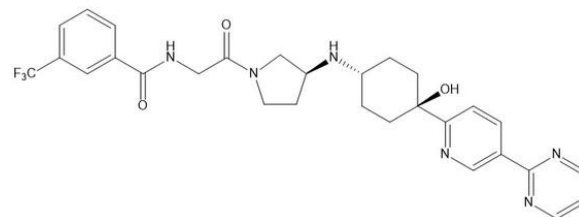
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

CCR2 antagonist

### Functions

PF-4136309 (1341224-83-6) is a potent (hIC<sub>50</sub> = 5.2 nM, mIC<sub>50</sub> = 13 nM, rIC<sub>50</sub> = 17 nM) and selective inhibitor of CCR2. PF-4136309 significantly decreased inflammatory monocytes in a mouse model of pancreatic cancer. In combination therapy with the FOLFIRINOX regimen, PF-4136309 reversed immune suppression in the tumor microenvironment causing an influx of tumor infiltrating lymphocytes leading to overall enhanced efficacy in a phase 1b study.

### Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**