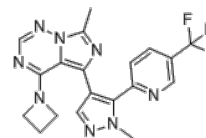


Product Name : PF 05180999
Cat. No. : PC-60564
CAS No. : 1394033-54-5
Molecular Formula : C₁₉H₁₇F₃N₈
Molecular Weight : 414.396
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

PF-05180999 (PF 5180999) is a potent, selective, brain-penetrating and orally bioavailable phosphodiesterase 2A (**PDE2A**) inhibitor with IC₅₀ of 1 nM.

PF-05180999 displays >1,000-fold selectivity over PDE10.

PF-05180999 shows potential for treatment of schizophrenia.

References

Mikami S, et al. *J Med Chem*. 2017 Sep 28;60(18):7677-7702.

Helal CJ, et al. *J Med Chem*. 2018 Jan 2. doi: 10.1021/acs.jmedchem.7b01466.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com