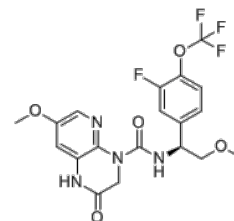


Product Name : TAK-915
Cat. No. : PC-60563
CAS No. : 1476727-50-0
Molecular Formula : C₁₉H₁₈F₄N₄O₅
Molecular Weight : 458.37
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

TAK-915 (TAK915) is a highly potent, selective, brain-penetrating and orally active **phosphodiesterase 2A (PDE2A)** inhibitor with IC₅₀ of 0.61 nM.

TAK-915 displays 4100-fold selectivity over PDE1A, and >20,000-fold over other PDE isoforms.

TAK-915 robustly increased cGMP levels in the rat brain, attenuates MK-801-induced episodic memory deficits in rats.

References

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

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

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