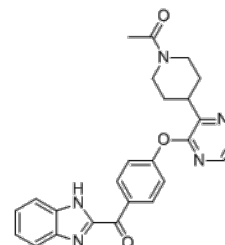


Product Name : AMG-579
Cat. No. : PC-60496
CAS No. : 1227067-61-9
Molecular Formula : C₂₅H₂₃N₅O₃
Molecular Weight : 441.491
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

AMG-579 (AMG579) is a potent, selective, CNS penetrant, orally bioavailable **PDE10A** inhibitor with IC₅₀ of 0.1 nM. AMG-579 displays high selectivity with IC₅₀ > 30 μM against all other PDE isoforms. AMG-579 demonstrates excellent target occupancy efficacy in PCP-LMA behavioral model.

References

Hu E, et al. *J Med Chem*. 2014 Aug 14;57(15):6632-41.

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

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