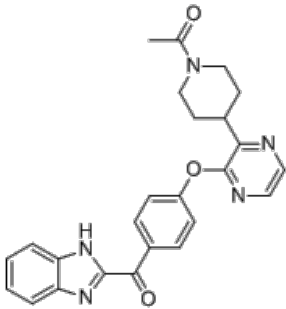


Product Name	: AMG-579	
Synonyms	: AMG 579;AMG579	
Cat No.	: M10873	
CAS Number	: 1227067-61-9	
Molecular Formula	: C ₂₅ H ₂₃ N ₅ O ₃	
Formula Weight	: 441.49	
Chemical Name	1-(4-(3-(4-(1H-benzo[d]imidazole-2-carbonyl)phenoxy)pyrazin-2-yl)piperidin-1-yl)ethanone	
Description	AMG-579 is a potent, selective, CNS penetrant, orally bioavailable PDE10A inhibitor with IC ₅₀ of 0.1 nM; displays high selectivity with IC ₅₀ > 30 uM against all other PDE isoforms; demonstrates excellent target occupancy efficacy in PCP-LMA behavioral model.Schizophrenia Phase 1 Clinical	
Pathway	: Angiogenesis	
Target	: PDE	
Receptor	: PDE	
Solubility	: —	
SMILES	: <chem>O=C(C1=CC=C(OC2=NC=CN=C2C3CCN(C(C)=O)CC3)C=C1)C4=NC5=CC=CC=C5N4</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

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