

Product Name	: UCB9608
Synonyms	: UCB 9608;UCB9608
Cat No.	: M12362
CAS Number	: 1616413-96-7
Molecular Formula	: C ₂₀ H ₂₆ N ₈ O ₂
Formula Weight	: 410.48
Chemical Name	: (3S)-4-(6-amino-1-methyl-pyrazolo[3,4-d]pyrimidin-4-yl)-N-(4-methoxy-2-methyl-phenyl)-3-methyl-piperazine-1-carboxamide
Description	: UCB9608 (UCB-9608) is a potent, selective, orally bioavailable PI4KIIIβ inhibitor with IC ₅₀ of 11 nM; also shows an IC ₅₀ of 37 nM in the human mixed lymphocyte reaction (HuMLR) assay, only inhibits the PI4KIIIβ and PI3KC2 α, β and γ lipid kinases in apnel of 250 kinases tested at 10 uM; UCB9608 is vastly more soluble, selective compound with improved metabolic stability and excellent pharmacokinetic profile, significantly prolongs allogeneic organ engraftment in vivo.
Pathway	: PI3K/Akt/mTOR signaling
Target	: PI4K
Receptor	: PI4K
Solubility	: DMSO : 65 mg/mL 158.36 mM
SMILES	: <chem>O=C(N1C[C@H](C)N(C2=C3C(N(C)N=C3)=NC(N)=N2)CC1)NC4=CC=C(OC)C=C4C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Reuberson J, et al. J Med Chem. 2018 Jun 28. doi: 10.1021/acs.jmedchem.8b00521.