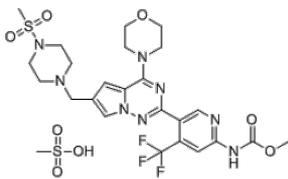


Product Name	: CYH33 methanesulfonate	
Synonyms	: CYH-33 methanesulfonate;HH-CYH33	
Cat No.	: M12072	
CAS Number	: 1494684-33-1	
Molecular Formula	: C ₂₅ H ₃₃ F ₃ N ₈ O ₈ S ₂	
Formula Weight	: 694.70	
Chemical Name	: methyl (5-(6-(4-(methylsulfonyl)piperazin-1-yl)methyl)-4-morpholinopyrrolo[2,1-f][1,2,4]triazin-2-yl)-4-(trifluoromethyl)pyridin-2-yl)carbamate methanesulfonate	
Description	: CYH33 (CYH-33) is a novel potent, PI3K α -selective inhibitor with IC ₅₀ of 5.9 nM/598 nM/ 78.7 nM/225 nM against class I PI3K isoform $\alpha/\beta/\delta/\gamma$, respectively; also displays little to no activity against more than 300 kinases; inhibits PI3K/AKT/mTOR signaling in glioblastoma U87MG and rhabdomyosarcoma Rh30 cells, shows potent anti-proliferative activity in against cell proliferation in a panel cancer cell lines originated from breast, lung, ovary and colon, prostate etc.; shows significant efficacy to inhibit the growth of SKOV-3 xenograft.Solid Tumors Phase 1 Clinical	
Pathway	: PI3K/Akt/mTOR signaling	
Target	: PI3K	
Receptor	: PI3K	
Solubility	: —	
SMILES	: <chem>COC(=O)NC1=NC=C(C(=C1)C(F)(F)F)C2=NN3C=C(C=C3C(=N2)N4CCOCC4)CN5CCN(CC5)S(=O)(=O)C.S(=O)(=O)O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Haoyue Xiang, et al. Abstract LB-268, AACR, 2018.