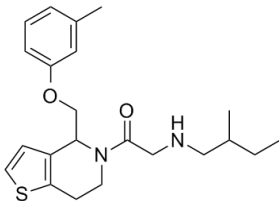


Product Name	: RU-SKI 43	
Synonyms	: RUSKI-43	
Cat No.	: M10217	
CAS Number	: 1043797-53-0	
Molecular Formula	: C ₂₂ H ₃₀ N ₂ O ₂ S	
Formula Weight	: 386.55	
Chemical Name	: Ethanone, 1-[6,7-dihydro-4-[(3-methylphenoxy)methyl]thieno[3,2-c]pyridin-5(4H)-yl]-2-[(2-methylbutyl)amino]-	
Description	: A small molecule inhibitor of Hhat (Hedgehog acyltransferase) with IC ₅₀ of 0.85 uM; specific to Shh palmitoylation and no effect for palmitoylation of H-Ras, Fyn and myristoylation of c-Src; reduces pancreatic cancer cell proliferation and Gli-1 activation through Smoothened-independent non-canonical signaling, inhibits two key proliferative pathways regulated by Akt and mTOR.	
Pathway	: GPCR/G Protein	
Target	: Hedgehog (Hh)	
Receptor	: Hedgehog (Hh)	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>CCC(C)CNCC(=O)N1CCC2=C(C1COC3=CC=CC(=C3)C)C=CS2</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Petrova E, et al. Nat Chem Biol. 2013 Apr;9(4):247-9. | 2. Petrova E, et al. Oncogene. 2015 Jan 8;34(2):263-8. | 3. Matevossian A, et al. Mol Cancer. 2015 Apr 1;14:72.