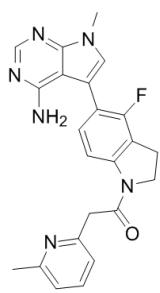


Product Name	: GSK2656157	
Synonyms	: GSK2656157; GSK 2656157; GSK-2656157	
Cat No.	: M11351	
CAS Number	: 1337532-29-2	
Molecular Formula	: C23H21FN6O	
Formula Weight	: 416.45	
Chemical Name	1-(5-(4-amino-7-methyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-4-fluoroindolin-1-yl)-2-(6-methylpyridin-2-yl)ethanone	
Description	GSK2656157 is an ATP-competitive and highly selective inhibitor of PERK with IC50 of 0.9 nM in a cell-free assay, 500-fold greater against a panel of 300 kinases.	
Pathway	: MAPK/ERK Signaling	
Target	: ERK	
Receptor	: PERK	
Solubility	: DMSO: 32 mg/mL (76.83 mM)	
SMILES	: <chem>CC1=CC=CC(C1CC2CCC3=C2C=CC(C4=CN(C)C5=NC=NC(N)=C54)=C3F)=O=N1</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Atkins C, et al. Y Res, 2013, 73(6), 1993-2002.