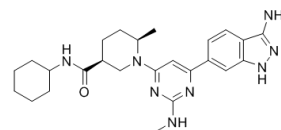


Product Name	: GSK2334470
Synonyms	: GSK2334470; GSK 2334470; GSK-2334470
Cat No.	: M10881
CAS Number	: 1227911-45-6
Molecular Formula	: C ₂₅ H ₃₄ N ₈ O
Formula Weight	: 462.59
Chemical Name	: (3S,6R)-1-(6-(3-amino-1H-indazol-6-yl)-2-(methylamino)pyrimidin-4-yl)-N-cyclohexyl-6-methylpiperidine-3-carboxamide
Description	: GSK2334470 is a novel PDK1 inhibitor with IC ₅₀ of ~10 nM in a cell-free assay, with no activity at other close related AGC-kinases.
Pathway	: PI3K/Akt/mTOR signaling
Target	: PDK
Receptor	: PDK1
Solubility	: Ethanol: 90 mg/mL (194.55 mM); DMSO: 90 mg/mL (194.55 mM)
SMILES	: <chem>O=C([C@@H]1CN(C2=NC(NC)=NC(C3=CC4=C(C=C3)C(N)=NN4)=C2)[C@H](C)CC1)NC5CCCCC5</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Najafov A, et al. BiochemJ, 2011, 433(2), 357-369.