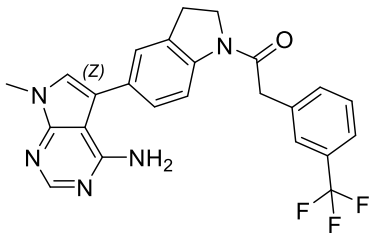




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406393	GSK2606414	A9T09K25

Chemical name	
1-(5-(4-amino-7-methyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)indolin-1-yl)-2-(3-(trifluoromethyl)phenyl)ethanone	
Synonyms	
GSK2606414; GSK-2606414; GSK 2606414; GSK PERK Inhibitor.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406393 Name: GSK2606414 CAS#: 1337531-36-8 Lot#: A9T09K25 Chemical Formula: C ₂₄ H ₂₀ F ₃ N ₅ O Exact Mass: 451.16199 Molecular Weight: 451.44

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE