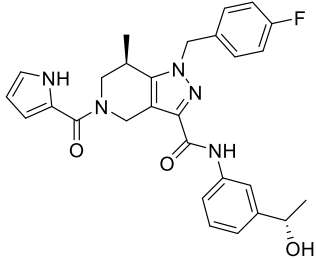


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407271	GSK321	YXM71119

Chemical name	
(R)-1-(4-Fluorobenzyl)-N-(3-((S)-1-hydroxyethyl)phenyl)-7-methyl-5-(1H-pyrrole-2-carbonyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine-3-carboxamide	
Synonyms	
GSK321; GSK 321; GSK-321.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407271 Name: GSK321 CAS#: 1816331-63-1 Lot#YXM71119 Chemical Formula: C ₂₈ H ₂₈ FN ₅ O ₃ Exact Mass: 501.2176 Molecular Weight: 501.56

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)	>98.0%
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