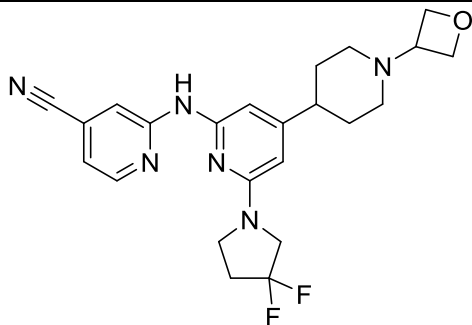


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
522419	GNE-3511	C7R09B18

Chemical name	
2-((6-(3,3-difluoropyrrolidin-1-yl)-4-(1-(oxetan-3-yl)piperidin-4-yl)pyridin-2-yl)amino)isonicotinonitrile	
Synonyms	
GNE-3511; GNE 3511; GNE3511.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 522419 Name: GNE-3511 CAS#: 1496581-76-0 Lot#: C7R09B18 Chemical Formula: C ₂₃ H ₂₆ F ₂ N ₆ O Exact Mass: 440.21 Molecular Weight: 440.50

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