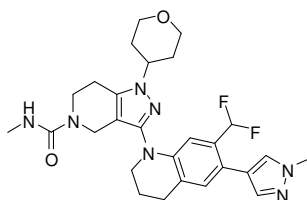




Certificate of Analysis

Axon Catalogue ID: 4127 **Batch Number:** 1
Product Name: GNE-781
Alternative Name(s): N.A.
IUPAC Name: 3-(7-(Difluoromethyl)-6-(1-methyl-1H-pyrazol-4-yl)-3,4-dihydroquinolin-1(2H)-yl)-N-methyl-1-(tetrahydro-2H-pyran-4-yl)-6,7-dihydro-1H-pyrazolo[4,3-c]pyridine-5(4H)-carboxamide

Structure:



Amount:

CAS number(s): 1936422-33-1
Molecular Formula: C₂₇H₃₃F₂N₇O₂ **Molecular Weight:** 525.59
Batch Molecular Formula: C₂₇H₃₃F₂N₇O₂.1.25H₂O **Batch Molecular Weight:** 548.11
Appearance: Off-white solid **Observed mp:** 126.8 - 128.3 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.16, H 6.53, N 17.89; Found: C 59.16, H 6.14, N 17.53
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	0.0	0.0	Insoluble
DMSO	50.0	91.2	
EtOH	54.8	>100 mM	

Remarks:

QC Date: 25-1-2024

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only