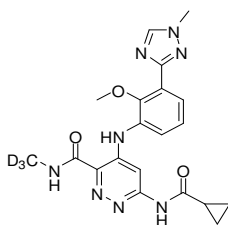




Certificate of Analysis

Axon Catalogue ID: 4091 **Batch Number:** 1
Product Name: Deucravacitinib
Alternative Name(s): BMS986165
IUPAC Name: 6-(Cyclopropanecarbonylamino)-4-[2-methoxy-3-(1-methyl-1,2,4-triazol-3-yl)anilino]-N-(trideuteriomethyl)pyridazine-3-carboxamide

Structure:



Amount:

CAS number(s): 1609392-27-9
Molecular Formula: C₂₀H₁₉D₃N₈O₃ **Molecular Weight:** 425.46
Batch Molecular Formula: C₂₀H₁₉D₃N₈O₃·0.25H₂O **Batch Molecular Weight:** 429.96
Appearance: Off-white solid **Observed mp:** 266 - 268 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.87, H 5.98, N 26.06; Found: C 55.91, H 5.85, N 26.42
Storage Conditions: Store at -20 °C

Solubility Data:	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	9.6	22.3	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 20-3-2024

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