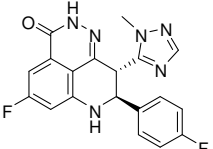




Certificate of Analysis

Axon Catalogue ID:	2502	Batch Number:	1
Product Name:	BMN 673		
Alternative Name(s):	Talazoparib		
IUPAC Name:	(8S,9R)-5-Fluoro-8-(4-fluorophenyl)-9-(1-methyl-1H-1,2,4-triazol-5-yl)-8,9-dihydro-2H-pyrido[4,3,2-de]phthalazin-3(7H)-one		
Structure:		Amount:	
CAS number(s):	1207456-01-6		
Molecular Formula:	C ₁₉ H ₁₄ F ₂ N ₆ O	Molecular Weight:	380.35
Batch Molecular Formula:	C ₁₉ H ₁₄ F ₂ N ₆ O.1.25H ₂ O	Batch Molecular Weight:	402.87
Appearance:	White solid	Observed mp:	249.2 - 251.4 °C
TLC (R_f):	0.58	DCM/MeOH (9:1)	
Chemical Purity:	99.0%		
Optical Purity (ee):	N.A.		
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 56.64, H 4.13, N 20.86; Found: C 56.50, H 3.90, N 21.15		
Storage Conditions:	Store at	+4 °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)		Not Tested
	DMSO	23.8	59.1
	EtOH		Not Tested
Remarks:			
QC Date:	13-11-2020		

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