



Certificate of Analysis

Axon Catalogue ID:	3760	Batch Number:	1	
Product Name:	Belzutifan			
Alternative Name(s):	PT2977; MK-6482			
IUPAC Name:	3-((1S,2S,3R)-2,3-Difluoro-1-hydroxy-7-(methylsulfonyl)-2,3-dihydro-1H-inden-4-yloxy)-5-fluorobenzonitrile			
Structure:			Amount:	
CAS number(s):	1672668-24-4			
Molecular Formula:	C17H12F3NO4S	Molecular Weight:	383.34	
Batch Molecular Formula:	C17H12F3NO4S	Batch Molecular Weight:	383.34	
Appearance:	White solid	Observed mp:	210.9 - 212.3 °C	
TLC (R_f):	0.8	DCM/MeOH/NH ₃ (20:1:0.1)		
Chemical Purity:	99.3%			
Optical Purity (ee):	100%			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 53.26, H 3.16, N 3.65; Found: C 52.97, H 3.19, N 3.54			
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	29.4	76.7	
	EtOH	0.0	0.0	Insoluble
Remarks:	Contains 0.29 wt% of acetonitrile, determined by NMR			
QC Date:	8-11-2022			

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