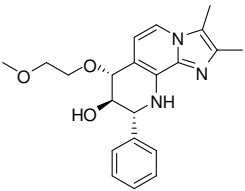




Certificate of Analysis

Axon Catalogue ID:	3589	Batch Number:	1
Product Name:	Soraprazan		
Alternative Name(s):	BYK61359		
IUPAC Name:	(7R,8R,9R)-7-(2-Methoxyethoxy)-2,3-dimethyl-9-phenyl-7,8,9,10-tetrahydroimidazo[1,2-h][1,7]naphthyridin-8-ol		
Structure:			Amount:
CAS number(s):	261944-46-1		
Molecular Formula:	C21H25N3O3	Molecular Weight:	367.44
Batch Molecular Formula:	C21H25N3O3.H2O	Batch Molecular Weight:	385.46
Appearance:	White solid	Observed mp:	>85 °C (decomp)
TLC (R_f):	0.51	DCM/MeOH (20:1)	
Chemical Purity:	99.4%		
Optical Purity (ee):	Optically pure		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 65.44, H 7.06, N 10.90; Found: C 65.57, H 7.24, N 10.95		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	27.1	70.2
	DMSO	38.5	>100 mM
	EtOH	38.5	>100 mM
Remarks:	Electrostatic.		
QC Date:	3-2-2022		

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