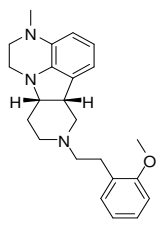


Certificate of Analysis

Axon Catalogue ID:	3925	Batch Number:	1	
Product Name:	IHCH-7079			
Alternative Name(s):	N.A.			
IUPAC Name:	(6bR,10aS)-8-(2-Methoxyphenethyl)-3-methyl-2,3,6b,7,8,9,10,10aoctahydro-1H-pyrido[3',4':4.5]pyrrolo[1,2,3-de]quinoxaline			
Structure:			Amount:	
CAS number(s):	2957888-63-8			
Molecular Formula:	C23H29N3O	Molecular Weight:	363.50	
Batch Molecular Formula:	C23H29N3O.0.25H2O	Batch Molecular Weight:	368.00	
Appearance:	Amber oil	Observed mp:	N.A.	
TLC (R_f):	0.57	DCM/MeOH (9:1)		
Chemical Purity:	98.8%			
Optical Purity (ee):	Optically pure			
Optical Rotation (Det.):	[α] _D = -50.2° with c = 0.5 in CHCl ₃			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 75.07, H 8.08, N 11.42; Found: C 75.04, H 8.02, N 11.22			
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)	36.8	>100 mM	
	DMSO	36.8	>100 mM	
	EtOH	36.8	>100 mM	
Remarks:				
QC Date:	29-11-2023			

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