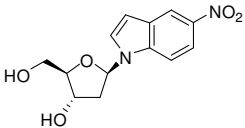




Certificate of Analysis

Axon Catalogue ID:	3476	Batch Number:	1
Product Name:	5-NIdR		
Alternative Name(s):	N.A.		
IUPAC Name:	(2R,3S,5R)-2-(Hydroxymethyl)-5-(5-nitro-1H-indol-1-yl)tetrahydrofuran-3-ol		
Structure:			Amount:
CAS number(s):	191421-10-0		
Molecular Formula:	C13H14N2O5	Molecular Weight:	278.26
Batch Molecular Formula:	C13H14N2O5	Batch Molecular Weight:	278.26
Appearance:	Yellow solid	Observed mp:	121.0 - 122.4 °C
TLC (R_f):	0.7	DCM/MeOH (4:1)	
Chemical Purity:	99.9%		
Optical Purity (ee):	Optically pure		
Optical Rotation (Det.):	[α] _D = -73.7° with c = 1 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 56.11, H 5.07, N 10.07; Found: C 56.19, H 5.09, N 10.05		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	2.4	8.6
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	27.8	>100 mM
	EtOH	20.0	71.9
Remarks:			
QC Date:	12-10-2021		

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