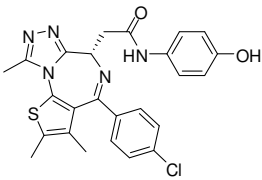




Certificate of Analysis

Axon Catalogue ID:	2530	Batch Number:	1
Product Name:	OTX 015		
Alternative Name(s):	N.A.		
IUPAC Name:	(S)-2-(4-(4-Chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)-N-(4-hydroxyphenyl)acetamide		
Structure:			Amount:
CAS number(s):	202590-98-5		
Molecular Formula:	C ₂₅ H ₂₂ CIN ₅ O ₂ S	Molecular Weight:	491.99
Batch Molecular Formula:	C ₂₅ H ₂₂ CIN ₅ O ₂ S.1H ₂ O	Batch Molecular Weight:	510.01
Appearance:	White solid	Observed mp:	> 187.0 °C (decomp)
TLC (R_f):	0.26	DCM/MeOH (20:1)	
Chemical Purity:	99.5%		
Optical Purity (ee):	Optically pure		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 58.88, H 4.74, N 13.73; Found: C 59.03, H 4.59, N 13.78		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	9.5	18.6
	EtOH	28.0	54.9
Remarks:	Material is extremely static.		
QC Date:	27-10-2021		

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