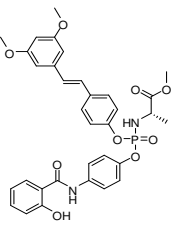




Certificate of Analysis

Axon Catalogue ID:	3518	Batch Number:	1
Product Name:	DCZ0805		
Alternative Name(s):	N.A.		
IUPAC Name:	(2S)-Methyl 2-((4-(3,5-dimethoxystyryl)phenoxy)(4-(2-hydroxybenzamido)phenoxy)phosphorylamino)propanoate		
Structure:			Amount:
CAS number(s):	2361147-16-0		
Molecular Formula:	C33H33N2O9P	Molecular Weight:	632.60
Batch Molecular Formula:	C33H33N2O9P.0.25H2O	Batch Molecular Weight:	637.10
Appearance:	White solid	Observed mp:	73.5 - 76.5 °C
TLC (R_f):	0.4	DCM/MeOH (20:1)	
Chemical Purity:	99.2%		
Optical Purity (ee):	Mixture of diastereomers		
Optical Rotation (Det.):	[α] _D = +4.4° with c = 0.5 in CHCl ₃		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 62.21, H 5.30, N 4.40; Found: C 61.87, H 5.09, N 4.31		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM) Remarks
	Water	0.0	0.0 Insoluble
	0.1N NaOH (aq)	0.0	0.0 Insoluble
	0.1N HCl (aq)		Not Tested
	DMSO	63.7	>100 mM
	EtOH	63.7	>100 mM
Remarks:	Mixture of diastereomers Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments		
QC Date:	17-6-2022		

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