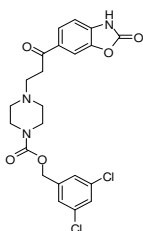




Certificate of Analysis

Axon Catalogue ID: 3442 **Batch Number:** 1
Product Name: PF-8380
Alternative Name(s): N.A.
IUPAC Name: 3,5-Dichlorobenzyl 4-(3-oxo-3-(2-oxo-2,3-dihydrobenzo[d]oxazol-6-yl)propyl)piperazine-1-carboxylate

Structure:



Amount:

CAS number(s): 1144035-53-9
Molecular Formula: C₂₂H₂₁Cl₂N₃O₅ **Molecular Weight:** 478.33
Batch Molecular Formula: C₂₂H₂₁Cl₂N₃O₅ **Batch Molecular Weight:** 478.33
Appearance: Pale-pink solid **Observed mp:** 165.8 - 167.0 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.24, H 4.43, N 8.78; Found: C 55.27, H 4.38, N 8.72
Storage Conditions: Store at +4 °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)	0.0	0.0	Insoluble
	DMSO	47.8	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 17-9-2021

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