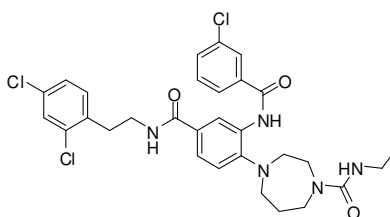




Certificate of Analysis

Axon Catalogue ID: 1800 **Batch Number:** 1
Product Name: CXCR3 Antagonist 6c
Alternative Name(s): Compound 6c
IUPAC Name: 4-(2-(3-Chlorobenzamido)-4-(2,4-dichlorophenethylcarbamoyl)phenyl)-N-ethyl-1,4-diazepane-1-carboxamide

Structure:



Amount:

CAS number(s): 870998-13-3
Molecular Formula: C30H32Cl3N5O3 **Molecular Weight:** 616.97
Batch Molecular Formula: C30H32Cl3N5O3 **Batch Molecular Weight:** 616.97
Appearance: White solid **Observed mp:** 117.2 - 118.3 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 98.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.40, H 5.23, N 11.35; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	61.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-12-2023

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