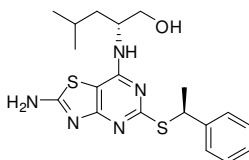




Certificate of Analysis

Axon Catalogue ID: 2255 **Batch Number:** 3
Product Name: AZD8797
Alternative Name(s): CX3CR1 antagonist 18a; KAND567
IUPAC Name: (R)-2-(2-Amino-5-((S)-1-phenylethylthio)thiazolo[4,5-d]pyrimidin-7-ylamino)-4-methylpentan-1-ol

Structure:



Amount:

CAS number(s): 911715-90-7
Molecular Formula: C₁₉H₂₅N₅O₂ **Molecular Weight:** 403.56
Batch Molecular Formula: C₁₉H₂₅N₅O₂ **Batch Molecular Weight:** 403.56
Appearance: White solid **Observed mp:** 116 - 117 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.55, H 6.24, N 17.35; Found: C 56.22, H 6.29, N 16.99
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)			Not Tested
	DMSO	34.3	85.0	
	EtOH			Not Tested

Remarks:

QC Date: 4-2-2022

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