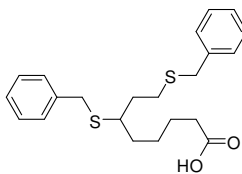




Certificate of Analysis

Axon Catalogue ID: 2125 **Batch Number:** 1
Product Name: CPI-613
Alternative Name(s): Devimistat; 6,8-Bis(benzylthio)octanoic acid
IUPAC Name: 6,8-Bis(benzylthio)octanoic acid

Structure:



Amount:

CAS number(s): 95809-78-2
Molecular Formula: C₂₂H₂₈O₂S₂ **Molecular Weight:** 388.59
Batch Molecular Formula: C₂₂H₂₈O₂S₂ **Batch Molecular Weight:** 388.59
Appearance: White solid **Observed mp:** 67.9 - 68.2 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.00, H 7.26, N 0.00; Found: C 68.16, H 7.24, N <0.10
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	12.0	30.9	Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	37.5	96.5	Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 10-11-2023

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