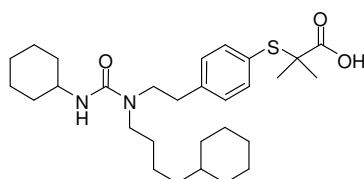


Certificate of Analysis

Axon Catalogue ID: 1237 **Batch Number:** 1
Product Name: GW 7647
Alternative Name(s): N.A.
IUPAC Name: 2-(4-{2-[3-Cyclohexyl-1-(4-cyclohexyl-butyl)-ureido]-ethyl}-phenylsulfanyl)-2-methyl-propionic acid

Structure:



Amount:

CAS number(s): 265129-71-3
Molecular Formula: C₂₉H₄₆N₂O₃S **Molecular Weight:** 502.75
Batch Molecular Formula: C₂₉H₄₆N₂O₃S **Batch Molecular Weight:** 502.75
Appearance: White solid **Observed mp:** 157 - 158 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.28, H 9.22, N 5.57; Found: C 69.10, H 9.22, N 5.45
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	20.0	39.8	
	EtOH	13.3	26.5	

Remarks:

QC Date: 20-11-2019

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