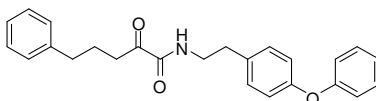




Certificate of Analysis

Axon Catalogue ID: 3296 **Batch Number:** 1
Product Name: LEI-301
Alternative Name(s): N.A.
IUPAC Name: 2-Oxo-N-(4-phenoxyphenethyl)-5-phenylpentanamide

Structure:



Amount:

CAS number(s): 2571585-09-4
Molecular Formula: C₂₅H₂₅NO₃ **Molecular Weight:** 387.47
Batch Molecular Formula: C₂₅H₂₅NO₃ **Batch Molecular Weight:** 387.47
Appearance: White solid **Observed mp:** 87.4 - 88.9 °C
TLC (R_f): 0.3 Hex/EtOAc (4:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.49, H 6.50, N 3.61; Found: C 77.64, H 6.58, N 3.56
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	38.0	98.1	
	EtOH	12.7	32.7	

Remarks:

QC Date: 8-12-2021

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