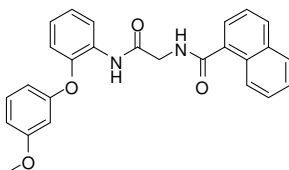




Certificate of Analysis

Axon Catalogue ID: 4030 **Batch Number:** 1
Product Name: AOH1996
Alternative Name(s): N.A.
IUPAC Name: N-(2-(2-(3-Methoxyphenoxy)phenylamino)-2-oxoethyl)-1-naphthamide

Structure:



Amount:

CAS number(s): 2089314-64-5
Molecular Formula: C₂₆H₂₂N₂O₄ **Molecular Weight:** 426.46
Batch Molecular Formula: C₂₆H₂₂N₂O₄·0.25H₂O **Batch Molecular Weight:** 430.97
Appearance: White solid **Observed mp:** 139.2 - 143.9 °C
TLC (R_f): 0.6 Hex/EtOAc (1:1)
Chemical Purity: 98.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.46, H 5.26, N 6.50; Found: C 72.62, H 5.11, N 6.48
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	36.0	83.5	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 20-11-2023

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