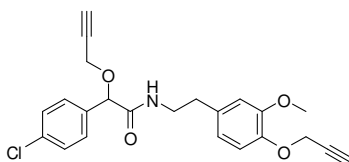




## Certificate of Analysis

**Axon Catalogue ID:** 3601 **Batch Number:** 1  
**Product Name:** Mandipropamid  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(4-Chlorophenyl)-N-(3-methoxy-4-(prop-2-ynoxy)phenethyl)-2-(prop-2-ynoxy)acetamide

**Structure:**



**Amount:**

**CAS number(s):** 374726-62-2  
**Molecular Formula:** C<sub>23</sub>H<sub>22</sub>ClNO<sub>4</sub> **Molecular Weight:** 411.88  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>22</sub>ClNO<sub>4</sub> **Batch Molecular Weight:** 411.88  
**Appearance:** Off-white solid **Observed mp:** 97 °C  
**TLC (R<sub>f</sub>):** 0.6 DCM/EtOAc (9:1)  
**Chemical Purity:** 99.3%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.07, H 5.38, N 3.40; Found: C 66.98, H 5.33, N 3.37  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	41.2	>100 mM	
	EtOH	10.0	24.3	

**Remarks:**

**QC Date:** 15-7-2022

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**