



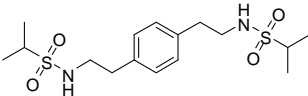
Certificate of Analysis

Axon Catalogue ID: 2079 **Batch Number:** 1

Product Name: CMPDA

Alternative Name(s): N.A.

IUPAC Name: N,N'-(2,2'-(1,4-phenylene)bis(ethane-2,1-diyl))dipropane-2-sulfonamide

Structure:  **Amount:**

CAS number: 380607-77-2 **MW:** 376.53

Batch Molecular Formula: C₁₆H₂₈N₂O₄S₂ **Batch MW:** 376.53

Appearance: White solid **Observed mp:** 112 - 114 °C

TLC (R_f): 0.85 DCM/MeOH (9:1)

Chemical Purity: 99.7%

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

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	37.7	>100 mM	Soluble
EtOH			Not Tested

Remarks: Microanalysis: Calcd. C 51.04, H 7.50, N 7.44; Found C 51.04, H 7.70, N 7.39.

QC Date: 5/22/2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only