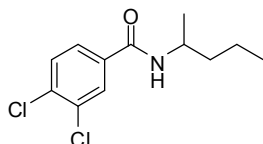


Certificate of Analysis

Axon Catalogue ID: 2162 **Batch Number:** 1
Product Name: NSC 405020
Alternative Name(s): N.A.
IUPAC Name: 3,4-dichloro-N-(pentan-2-yl)benzamide

Structure:



Amount:

CAS number: 7497-07-6
Batch Molecular Formula: C₁₂H₁₅Cl₂N₂O **Batch MW:** 260.16
Appearance: White solid **Observed mp:** 76 - 77 °C
TLC (R_f): 0.6 EtOAc/Hex (1:4)
Chemical Purity: 99.5%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.40 , H 5.81 , N 5.38 Found: C 55.46 , H 5.78 , N 5.34
Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Soluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.0	>100 mM	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 3-10-2013

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