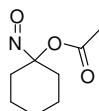




Certificate of Analysis

Axon Catalogue ID: 2603 **Batch Number:** 2
Product Name: 1-Nitrosocyclohexyl acetate
Alternative Name(s): NCA
IUPAC Name: 1-Nitrosocyclohexyl acetate

Structure:



Amount:

CAS number(s): 10259-08-2
Molecular Formula: C₈H₁₃NO₃ **Molecular Weight:** 171.19
Batch Molecular Formula: C₈H₁₃NO₃ **Batch Molecular Weight:** 171.19
Appearance: Blue oil **Observed mp:** N.A.
TLC (R_f): 0.65 Hex/EtOAc (9:1)
Chemical Purity: 98%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Could not be determined
Microanalysis: Calculated: C 56.13, H 7.65, N 8.18; Found: C 56.21, H 8.07, N 7.98
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.1	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	17.1	>100 mM	
	EtOH			Not Tested

Remarks: Suspected to be light sensitive; protect from light; store in an amber vial. Suspected to be slightly instable in solution.

QC Date: 07-04-2020

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