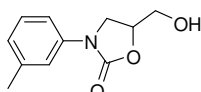




Certificate of Analysis

Axon Catalogue ID: 2977 **Batch Number:** 1
Product Name: Toloxatone
Alternative Name(s): MD 69276; Humoryl
IUPAC Name: 5-(Hydroxymethyl)-3-m-tolylloxazolidin-2-one

Structure:



Amount:

CAS number(s): 29218-27-7
Molecular Formula: C₁₁H₁₃NO₃ **Molecular Weight:** 207.23
Batch Molecular Formula: C₁₁H₁₃NO₃ **Batch Molecular Weight:** 207.23
Appearance: White solid **Observed mp:** 78.5 - 80.1 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.76, H 6.32, N 6.76; Found: C 63.97, H 6.18, N 6.86
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	20.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 06-06-2019

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