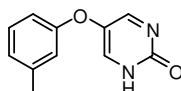




Certificate of Analysis

Axon Catalogue ID: 1941 **Batch Number:** 1
Product Name: MLR 1023
Alternative Name(s): Tolmidone; CP 26154
IUPAC Name: 5-(m-Tolyloxy)pyrimidin-2(1H)-one

Structure:



Amount:

CAS number(s): 41964-07-2
Molecular Formula: C₁₁H₁₀N₂O₂ **Molecular Weight:** 202.21
Batch Molecular Formula: C₁₁H₁₀N₂O₂ **Batch Molecular Weight:** 202.21
Appearance: Off-white solid **Observed mp:** 119 - 120 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.34, H 4.98, N 13.85; Found: C 65.03, H 5.02, N 13.49
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	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	20.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 28-01-2019

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