

Certificate of Analysis

Axon Catalogue ID:	2564		Batch	Number:	1
Product Name:	NSC 59984				
Alternative Name(s):	N.A.				
IUPAC Name:	(E)-1-(4-Methylpiperazin-1-yl)-3-(5-nitrofuran-2-yl)prop-2-en-1-one				
Structure:		O_NO2		Amount:	
CAS number(s):	803647-40-7				
Molecular Formula:	C12H15N3O4 Molecular Weight:			265.27	
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Appearance:	Off-white solid Observed mp:			152.9 - 154.1 °C	
TLC (R _f):	0.58	DCM/MeOH (9:1)			
Chemical Purity:	99.9%				
Optical Purity (ee):	N.A.				
1H-NMR:	Analytical data confirm chemical structure				
Mass Spec:	Analytical data confirm chemical structure				
Microanalysis:	Calculated: C 54.33, H 5.70, N 15.84; Found: C 54.13, H 5.79, N 15.85				
Storage Conditions:	Store at	+4 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	
	Water 0.1N NaOH (ac 0.1N HCI (aq) DMSO EtOH	10.3 17.0	38.9 64.1	Not Tested Not Tested Not Tested	

Remarks:

QC Date:

27-05-2021

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

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