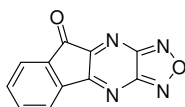




Certificate of Analysis

Axon Catalogue ID: 1904 **Batch Number:** 1
Product Name: SMER 3
Alternative Name(s): N.A.
IUPAC Name: 9H-Indeno[1,2-b][1,2,5]oxadiazolo[3,4-e]pyrazin-9-one

Structure:



Amount:

CAS number(s): 67200-34-4
Molecular Formula: C₁₁H₄N₄O₂ **Molecular Weight:** 224.18
Batch Molecular Formula: C₁₁H₄N₄O₂·0.1H₂O **Batch Molecular Weight:** 225.98
Appearance: Yellow solid **Observed mp:** 290 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.16, H 1.92, N 24.66; Found: C 58.42, H 2.00, N 24.79
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.0	66.4	
	EtOH			Not Tested

Remarks:

QC Date: 30-01-2019

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