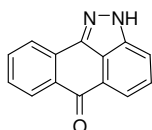


Certificate of Analysis

Axon Catalogue ID: 2519 **Batch Number:** 1
Product Name: SP 600125
Alternative Name(s): NSC 75890
IUPAC Name: Anthra[1,9-cd]pyrazol-6(2H)-one

Structure:



Amount:

CAS number(s): 129-56-6
Molecular Formula: C₁₄H₈N₂O **Molecular Weight:** 220.23
Batch Molecular Formula: C₁₄H₈N₂O **Batch Molecular Weight:** 220.23
Appearance: Dark-yellow solid **Observed mp:** 286 - 288 °C (decomp)
TLC (R_f): 0.45 DCM/MeOH (97:3)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 76.35, H 3.66, N 12.72; Found: C 76.28, H 3.25, N 12.76
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	22.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-03-2021

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