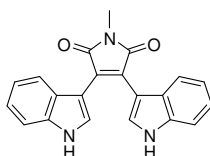




Certificate of Analysis

Axon Catalogue ID: 3940 **Batch Number:** 1
Product Name: Bisindolylmaleimide V
Alternative Name(s): Ro 31-6045
IUPAC Name: 3,4-Di(1H-indol-3-yl)-1-methyl-1H-pyrrole-2,5-dione

Structure:



Amount:

CAS number(s): 113963-68-1
Molecular Formula: C₂₁H₁₅N₃O₂ **Molecular Weight:** 341.36
Batch Molecular Formula: C₂₁H₁₅N₃O₂ **Batch Molecular Weight:** 341.36
Appearance: Red solid **Observed mp:** 277 °C
TLC (R_f): 0.65 Hex/EtOAc (1:1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 73.89, H 4.43, N 12.31; Found: C 73.88, H 4.25, N 12.16
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	34.1	>100 mM	
	EtOH	8.0	23.4	

Remarks:

QC Date: 29-8-2023

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