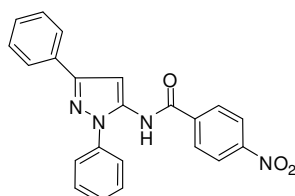


Certificate of Analysis

Axon Catalogue ID: 1425 **Batch Number:** 1
Product Name: VU 29
Alternative Name(s): N.A.
IUPAC Name: N-(1,3-Diphenyl-1H-pyrazol-5-yl)-4-nitro-benzamide

Structure:



Amount:

CAS number(s): 890764-36-0
Molecular Formula: C₂₂H₁₆N₄O₃ **Molecular Weight:** 384.39
Batch Molecular Formula: C₂₂H₁₆N₄O₃.0.25H₂O **Batch Molecular Weight:** 388.89
Appearance: Yellow solid **Observed mp:** 224 - 226 °C
TLC (R_f): 0.85 Hexane/EtOAc (1:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.97, H 4.28, N 14.41; Found: C 68.12, H 4.16, N 14.36
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	18.8	48.3	
	EtOH			Not Tested

Remarks: Keep dry and avoid light!

QC Date: 10-10-2018

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