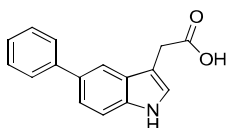




Certificate of Analysis

Axon Catalogue ID: 4365 **Batch Number:** 1
Product Name: 5-Ph-IAA
Alternative Name(s): N.A.
IUPAC Name: (5-Phenyl-3-indolyl)acetic acid

Structure:



Amount:

CAS number(s): 168649-23-8
Molecular Formula: C₁₆H₁₃NO₂ **Molecular Weight:** 251.28
Batch Molecular Formula: C₁₆H₁₃NO₂ **Batch Molecular Weight:** 251.28
Appearance: Beige solid **Observed mp:** 162.0 - 164.2 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 76.48, H 5.21, N 5.57; Found: C 76.06, H 5.13, N 5.45
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	14.7	58.4	
	0.1N HCl (aq)			Not Tested
	DMSO	25.1	>100 mM	
	EtOH	25.1	>100 mM	

Remarks:

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