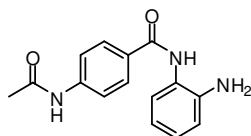




Certificate of Analysis

Axon Catalogue ID: 2014 **Batch Number:** 1
Product Name: CI 994
Alternative Name(s): PD 123654; Tacedinaline
IUPAC Name: 4-Acetamido-N-(2-aminophenyl)benzamide

Structure:



Amount:

CAS number(s): 112522-64-2
Molecular Formula: C₁₅H₁₅N₃O₂ **Molecular Weight:** 269.30
Batch Molecular Formula: C₁₅H₁₅N₃O₂·0.2H₂O **Batch Molecular Weight:** 272.90
Appearance: White solid **Observed mp:** 243.0 - 244.8 °C (decomp)
TLC (R_f): 0.35 DCM/MeOH (9:1)
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 66.02, H 5.69, N 15.40; Found: C 66.15, H 5.52, N 15.52
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	27.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 30-03-2019

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