



Certificate of Analysis

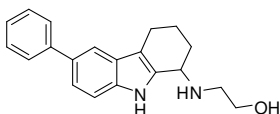
Axon Catalogue ID: 3987 **Batch Number:** 1

Product Name: CASIN

Alternative Name(s): Pir1-related compound 2

IUPAC Name: 2-(6-Phenyl-2,3,4,9-tetrahydro-1H-carbazol-1-ylamino)ethanol

Structure:



Amount:

CAS number(s): 425399-05-9

Molecular Formula: C₂₀H₂₂N₂O

Molecular Weight: 306.40

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Appearance: Off-white solid

Observed mp: 142.7 - 145.4 °C

TLC (R_f): 0.6 DCM/MeOH (9:1)

Chemical Purity: 99.9%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 78.40, H 7.24, N 9.14; Found: C 77.99, H 7.26, N 9.02

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)	14.7	47.9	
	DMSO	30.6	>100 mM	
	EtOH	19.3	63.1	

Remarks:

QC Date: 2-8-2023

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