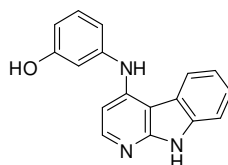




Certificate of Analysis

Axon Catalogue ID: 2560 **Batch Number:** 1
Product Name: Tilfrinib
Alternative Name(s): N.A.
IUPAC Name: 3-(9H-Pyrido[2,3-b]indol-4-ylamino)phenol

Structure:



Amount:

CAS number(s): 1600515-49-8
Molecular Formula: C₁₇H₁₃N₃O **Molecular Weight:** 275.30
Batch Molecular Formula: C₁₇H₁₃N₃O **Batch Molecular Weight:** 275.30
Appearance: Beige solid **Observed mp:** 206 - 208 °C
TLC (R_f): 0.77 DCM/MeOH (9:1)
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.17, H 4.76, N 15.26; Found: C 73.91, H 4.51, N 15.26
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	23.0	83.5	
	EtOH	13.3	48.3	

Remarks:

QC Date: 09-06-2021

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