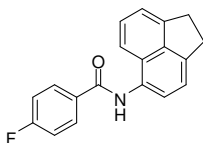




Certificate of Analysis

Axon Catalogue ID: 4173 **Batch Number:** 1
Product Name: Ebio1
Alternative Name(s): N.A.
IUPAC Name: N-(1,2-Dihydroacenaphthylen-5-yl)-4-fluorobenzamide

Structure:



Amount:

CAS number(s): 339287-36-4
Molecular Formula: C₁₉H₁₄FNO **Molecular Weight:** 291.32
Batch Molecular Formula: C₁₉H₁₄FNO **Batch Molecular Weight:** 291.32
Appearance: White solid **Observed mp:** 177.9 - 181.9 °C
TLC (R_f): 0.2 PE/EtOAc (4:1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 78.33, H 4.84, N 4.81; Found: C 78.18, H 4.82, N 4.83
Storage Conditions: Store at -20 °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	28.0	96.1	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 23-7-2024

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