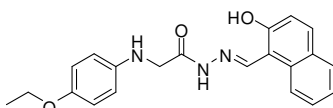




## Certificate of Analysis

**Axon Catalogue ID:** 1988 **Batch Number:** 1  
**Product Name:** VU 0029767  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(4-Ethoxyphenylamino)-N'-((2-hydroxynaphthalen-1-yl)methylene)acetohydrazide

**Structure:**



**Amount:**

**CAS number(s):** 326001-01-8  
**Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub> **Molecular Weight:** 363.41  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub> **Batch Molecular Weight:** 363.41  
**Appearance:** Yellow solid **Observed mp:** 191 - 193°C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.41, H 5.82, N 11.56; Found: C 69.45, H 5.85, N 11.59  
**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	36.3	>100 mM	
	EtOH			Not Tested

**Remarks:** Unstable in solution. It is recommended to prepare fresh solutions for your experiments.

**QC Date:** 23-7-2020

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**