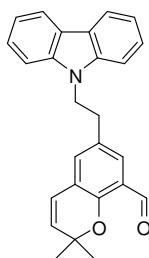


## Certificate of Analysis

**Axon Catalogue ID:** 2981 **Batch Number:** 1  
**Product Name:** B106  
**Alternative Name(s):** BJE6-106  
**IUPAC Name:** 6-(2-(9H-Carbazol-9-yl)ethyl)-2,2-dimethyl-2H-chromene-8-carbaldehyde

**Structure:**



**Amount:**

**CAS number(s):** 1564249-38-2  
**Molecular Formula:** C<sub>26</sub>H<sub>23</sub>NO<sub>2</sub> **Molecular Weight:** 381.47  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>23</sub>NO<sub>2</sub> **Batch Molecular Weight:** 381.47  
**Appearance:** White solid **Observed mp:** 103.4 - 104.4 °C  
**TLC (R<sub>f</sub>):** 0.4 PE/EtOAc (9:1)  
**Chemical Purity:** 98.8%  
**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 81.86, H 6.08, N 3.67; Found: C 81.91, H 6.14, N 3.47  
**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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	26.7	69.9	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-03-2020

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**