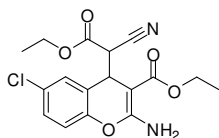




Certificate of Analysis

Axon Catalogue ID: 2507 **Batch Number:** 1
Product Name: SC 79
Alternative Name(s): N.A.
IUPAC Name: Ethyl 2-amino-6-chloro-4-(1-cyano-2-ethoxy-2-oxoethyl)-4H-chromene-3-carboxylate

Structure:



Amount:

CAS number(s): 305834-79-1
Molecular Formula: C₁₇H₁₇ClN₂O₅ **Molecular Weight:** 364.78
Batch Molecular Formula: C₁₇H₁₇ClN₂O₅ **Batch Molecular Weight:** 364.78
Appearance: White solid **Observed mp:** 99.3 - 100.3 °C
TLC (R_f): 0.4 EtOAc/Hexane (1:4)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.97, H 4.70, N 7.68; Found: C 55.85, H 4.52, N 7.64
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	76.8	
	EtOH			Not Tested

Remarks: Purity confirmed by NMR and Micro analysis. No suitable LCMS conditions and Mass spec were found/obtained.

QC Date: 24-7-2021

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