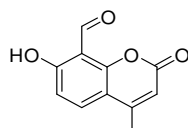




Certificate of Analysis

Axon Catalogue ID: 1902 **Batch Number:** 3
Product Name: 4μ8C
Alternative Name(s): N.A.
IUPAC Name: 7-Hydroxy-4-methyl-2-oxo-2H-chromene-8-carbaldehyde

Structure:



Amount:

CAS number(s): 14003-96-4
Molecular Formula: C₁₁H₈O₄ **Molecular Weight:** 204.18
Batch Molecular Formula: C₁₁H₈O₄ **Batch Molecular Weight:** 204.18
Appearance: Pale-yellow solid **Observed mp:** 184 °C
TLC (R_f): 0.65 DCM (100%)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.71, H 3.95, N 0.00; Found: C 64.38, H 3.83, N <0.10
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	20.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-03-2020

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only