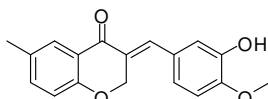




Certificate of Analysis

Axon Catalogue ID: 1827 **Batch Number:** 1
Product Name: IMS 2186
Alternative Name(s): N.A.
IUPAC Name: (E)-3-(3-hydroxy-4-methoxybenzylidene)-6-methylchroman-4-one

Structure:



Amount:

CAS number(s): 1031206-36-6
Molecular Formula: C₁₈H₁₆O₄ **Molecular Weight:** 296.32
Batch Molecular Formula: C₁₈H₁₆O₄ **Batch Molecular Weight:** 296.32
Appearance: Yellow solid **Observed mp:** 162 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
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 72.96, H 5.44, N 0.00; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	6.2	21.0	
	EtOH	1.6	5.4	

Remarks:

QC Date: 08-05-2019

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