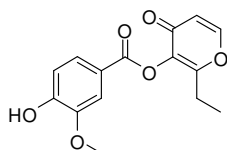




Certificate of Analysis

Axon Catalogue ID: 3150 **Batch Number:** 1
Product Name: SP-8008
Alternative Name(s): N.A.
IUPAC Name: 2-Ethyl-4-oxo-4H-pyran-3-yl 4-hydroxy-3-methoxybenzoate

Structure:



Amount:

CAS number(s): 2088247-61-2
Molecular Formula: C₁₅H₁₄O₆ **Molecular Weight:** 290.27
Batch Molecular Formula: C₁₅H₁₄O₆ **Batch Molecular Weight:** 290.27
Appearance: Off-white solid **Observed mp:** 141 °C
TLC (R_f): 0.68 EtOAc (100%)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.07, H 4.86, N 0.00; Found: C 61.90, H 4.65, N <0.10
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)	29.0	>100 mM	
	0.1N HCl (aq)			Not Tested
	DMSO	29.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-09-2020

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