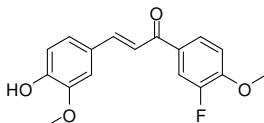




Certificate of Analysis

Axon Catalogue ID: 3839 **Batch Number:** 1
Product Name: JC2-11
Alternative Name(s): N.A.
IUPAC Name: (E)-1-(3-Fluoro-4-methoxyphenyl)-3-(4-hydroxy-3-methoxyphenyl)prop-2-en-1-one

Structure:



Amount:

CAS number(s): 937820-89-8
Molecular Formula: C₁₇H₁₅FO₄ **Molecular Weight:** 302.30
Batch Molecular Formula: C₁₇H₁₅FO₄ **Batch Molecular Weight:** 302.30
Appearance: Light-yellow solid **Observed mp:** 151.8 - 153.4 °C
TLC (R_f): 0.4 Hex/EtOAc (1:1)
Chemical Purity: 98.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.54, H 5.00, N 0.00; Found: C 67.62, H 4.93, 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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	30.2	>100 mM	
	EtOH	8.8	29.1	* Warming (40°C)

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 21-4-2023

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