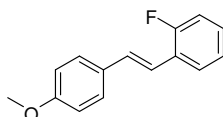




Certificate of Analysis

Axon Catalogue ID: 3387 **Batch Number:** 1
Product Name: NF-κB Activation Inhibitor IV
Alternative Name(s): NFκBAI4; FME
IUPAC Name: (E)-1-Fluoro-2-(4-methoxystyryl)benzene

Structure:



Amount:

CAS number(s): 139141-12-1
Molecular Formula: C₁₅H₁₃FO **Molecular Weight:** 228.26
Batch Molecular Formula: C₁₅H₁₃FO **Batch Molecular Weight:** 228.26
Appearance: White solid **Observed mp:** 109 - 110 °C
TLC (R_f): 0.5 Hex/EtOAc (20:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 78.93, H 5.74, N 0.00; Found: C 78.90, H 5.89, 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	21.0	92.0	
	EtOH			Not Tested

Remarks: Light sensitive.

QC Date: 31-03-2021

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