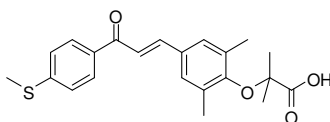




Certificate of Analysis

Axon Catalogue ID: 2727 **Batch Number:** 1
Product Name: Elafibranor
Alternative Name(s): GFT505
IUPAC Name: (E)-2-(2,6-Dimethyl-4-(3-(4-(methylthio)phenyl)-3-oxoprop-1-enyl)phenoxy)-2-methylpropanoic acid

Structure:



Amount:

CAS number(s): 923978-27-2
Molecular Formula: C22H24O4S **Molecular Weight:** 384.49
Batch Molecular Formula: C22H24O4S **Batch Molecular Weight:** 384.49
Appearance: Yellow solid **Observed mp:** 147.2 °C
TLC (R_f): 0.2 DCM/MeOH (20:1)
Chemical Purity: 98.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.72, H 6.29, N 0.00; Found: C 68.70, H 6.22, N <0.10
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	38.4	>100 mM	Sonication enhances solubility
0.1N HCl (aq)			Not Tested
DMSO	38.4	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 14-10-2022

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