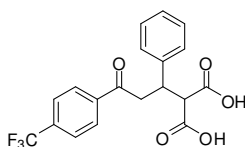




Certificate of Analysis

Axon Catalogue ID: 3534 **Batch Number:** 1
Product Name: PS210
Alternative Name(s): N.A.
IUPAC Name: 2-(3-Oxo-1-phenyl-3-(4-(trifluoromethyl)phenyl)propyl)malonic acid

Structure:



Amount:

CAS number(s): 1221962-86-2
Molecular Formula: C₁₉H₁₅F₃O₅ **Molecular Weight:** 380.31
Batch Molecular Formula: C₁₉H₁₅F₃O₅ **Batch Molecular Weight:** 380.31
Appearance: White solid **Observed mp:** >135 °C (decomp)
TLC (R_f): 0.69 DCM/MeOH (1:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.00, H 3.98, N 0.00; Found: C 59.62, H 3.98, 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)	5.0	13.1	* Warming (40°C) and sonication
0.1N HCl (aq)			Not Tested
DMSO	38.0	>100 mM	
EtOH	38.0	>100 mM	

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

QC Date: 19-11-2021

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