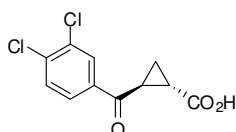




Certificate of Analysis

Axon Catalogue ID: 2118 **Batch Number:** 1
Product Name: UPF 648
Alternative Name(s): N.A.
IUPAC Name: (+)-(1S,2S)-2-(3,4-dichlorobenzoyl)cyclopropanecarboxylic acid

Structure:



Amount:

CAS number(s): 213400-34-1
Molecular Formula: C₁₁H₈Cl₂O₃ **Molecular Weight:** 259.09
Batch Molecular Formula: C₁₁H₈Cl₂O₃ **Batch Molecular Weight:** 259.09
Appearance: White solid **Observed mp:** 218 - 220 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.99, H 3.11, N 0.00; Found: C 50.87, H 3.12, N <0.10
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	25.9	>100 mM	
	0.1N HCl (aq)			Not Tested
	DMSO	25.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-03-2019

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