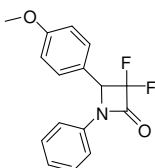




Certificate of Analysis

Axon Catalogue ID: 2609 **Batch Number:** 1
Product Name: NCRW0005-F05
Alternative Name(s): N.A.
IUPAC Name: 3,3-Difluoro-4-(4-methoxyphenyl)-1-phenylazetidin-2-one

Structure:



Amount:

CAS number(s): 342779-66-2
Molecular Formula: C₁₆H₁₃F₂NO₂ **Molecular Weight:** 289.28
Batch Molecular Formula: C₁₆H₁₃F₂NO₂ **Batch Molecular Weight:** 289.28
Appearance: White solid **Observed mp:** 149.1 °C
TLC (R_f): 0.5 Hex/EtOAc (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.43, H 4.53, N 4.84; Found: C 66.33, H 4.44, N 4.94
Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	6.0	20.7	
EtOH			Not Tested

Remarks:

QC Date: 27-10-2021

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