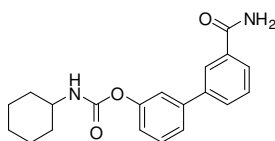




Certificate of Analysis

Axon Catalogue ID: 4222 **Batch Number:** 1
Product Name: URB597
Alternative Name(s): KDS4103
IUPAC Name: 3'-Carbamoylbiphenyl-3-yl cyclohexylcarbamate

Structure:



Amount:

CAS number(s): 546141-08-6
Molecular Formula: C₂₀H₂₂N₂O₃ **Molecular Weight:** 338.40
Batch Molecular Formula: C₂₀H₂₂N₂O₃·0.25H₂O **Batch Molecular Weight:** 342.90
Appearance: White solid **Observed mp:** 179.8 - 186.4 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.05, H 6.61, N 8.17; Found: C 69.79, H 6.37, N 8.16
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	34.3	>100 mM	
	EtOH	4.9	14.3	

Remarks:

QC Date: 16-7-2024

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