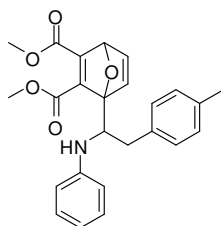




Certificate of Analysis

Axon Catalogue ID: 2935 **Batch Number:** 1
Product Name: COH000
Alternative Name(s): N.A.
IUPAC Name: Dimethyl 1-(1-(phenylamino)-2-p-tolylethyl)-7-oxabicyclo[2.2.1]hepta-2,5-diene-2,3-dicarboxylate

Structure:



Amount:

CAS number(s): 1534358-79-6
Molecular Formula: C₂₅H₂₅NO₅ **Molecular Weight:** 419.47
Batch Molecular Formula: C₂₅H₂₅NO₅ **Batch Molecular Weight:** 419.47
Appearance: Yellow solid **Observed mp:** 167 - 169 °C
TLC (R_f): 0.23 PE/EtOAc (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.58, H 6.01, N 3.34; Found: C 71.69, H 6.05, N 3.41
Storage Conditions: Store at +4 °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	16.0	38.1	
	EtOH			Not Tested

Remarks: Racemic mixture, single diastereomer relevant to the exocyclic stereo center.

QC Date: 07-06-2019

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