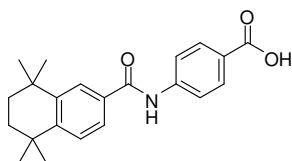




Certificate of Analysis

Axon Catalogue ID: 2948 **Batch Number:** 1
Product Name: AM 580
Alternative Name(s): CD336; NSC 608001; RO 40-6055
IUPAC Name: 4-(5,5,8,8-Tetramethyl-5,6,7,8-tetrahydronaphthalene-2-carboxamido)benzoic acid

Structure:



Amount:

CAS number(s): 102121-60-8
Molecular Formula: C₂₂H₂₅NO₃ **Molecular Weight:** 351.44
Batch Molecular Formula: C₂₂H₂₅NO₃·0.5H₂O **Batch Molecular Weight:** 360.45
Appearance: White solid **Observed mp:** 262 - 263 °C
TLC (R_f): 0.49 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 73.31, H 7.27, N 3.89; Found: C 73.70, H 6.97, N 3.98
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)	0.0	0.0	Insoluble
	DMSO	36.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-07-2019

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