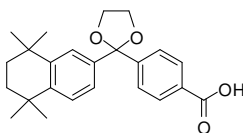




Certificate of Analysis

Axon Catalogue ID: 3727 **Batch Number:** 1
Product Name: SR11237
Alternative Name(s): BMS649; UVI2108
IUPAC Name: 4-(2-(5,5,8,8-Tetramethyl-5,6,7,8-tetrahydronaphthalen-2-yl)-1,3-dioxolan-2-yl)benzoic acid

Structure:



Amount:

CAS number(s): 146670-40-8
Molecular Formula: C₂₄H₂₈O₄ **Molecular Weight:** 380.48
Batch Molecular Formula: C₂₄H₂₈O₄ **Batch Molecular Weight:** 380.48
Appearance: Off-white solid **Observed mp:** >257 °C (decomp)
TLC (R_f): 0.73 DCM/MeOH (9:1)
Chemical Purity: 98.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.76, H 7.42, N 0.00; Found: C 75.43, H 7.62, N <0.10
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	0.0	0.0	Insoluble
0.1N HCl (aq)			Not Tested
DMSO	33.7	88.5	* Warming (40°C)
EtOH	0.0	0.0	Insoluble

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 12-10-2022

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