

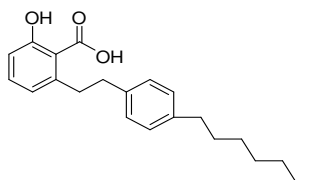


Certificate of Analysis

Axon Catalogue ID: 1785
Product Name: MG 149
Alternative Name(s): Anacardic acid derivative 20
IUPAC Name: 2-(4-Heptylphenethyl)-6-hydroxybenzoic acid

Batch Number: 2

Structure:



Amount:

CAS number: 1243583-85-8
Batch Molecular Formula: C₂₂H₂₈O₃·0.15H₂O
Appearance: Off-white solid
TLC (R_f): 0.55 DCM/Methanol/AcOH (20:1:0.1)
Chemical Purity: 99.4%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

MW: 340.46

Batch MW: 343.16

Observed mp: 111 - 112 °C

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	34.0	>100 mM	Very soluble
	EtOH			Not Tested

Remarks:

QC Date: 17-07-2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only