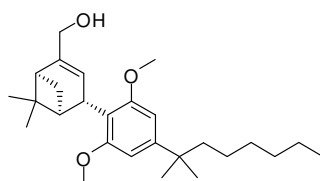


Certificate of Analysis

Axon Catalogue ID: 1440 **Batch Number:** 3
Product Name: HU 308
Alternative Name(s): N.A.
IUPAC Name: ((1S,4S,5S)-4-(2,6-Dimethoxy-4-(2-methyloctan-2-yl)phenyl)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)methanol

Structure:



Amount:

CAS number(s): 256934-39-1
Molecular Formula: C₂₇H₄₂O₃ **Molecular Weight:** 414.62
Batch Molecular Formula: C₂₇H₄₂O₃.0.75H₂O **Batch Molecular Weight:** 428.13
Appearance: Colorless semi-solid **Observed mp:** NA
TLC (R_f): 0.56 Hex/EtOAc (4:1)
Chemical Purity: 99.3%
Optical Purity (ee): Optically pure
Optical Rotation (observed): [α]_D = 136.0° with c = 0.05 in CHCl₃
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.75, H 10.24, N 0.00; Found: C 75.56, H 10.30, N <0.10
Storage Conditions: Desiccate at -20 °C

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	42.8	>100 mM	
EtOH			Not Tested

Remarks: Material is a colorless semi-solid

QC Date: 14-08-2018

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