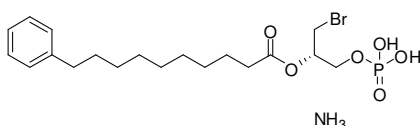




Certificate of Analysis

Axon Catalogue ID: 3207 **Batch Number:** 1
Product Name: UCM-05194 ammonium salt
Alternative Name(s): N.A.
IUPAC Name: (S)-1-Bromo-3-(phosphonoxy)propan-2-yl 10-phenyldecanoate ammonium salt

Structure:



Amount:

CAS number(s): 2411412-36-5 (parent)
Molecular Formula: C₁₉H₃₀BrO₆P.NH₃ **Molecular Weight:** 482.35
Batch Molecular Formula: C₁₉H₃₀BrO₆P.NH₃.0.5H₂O **Batch Molecular Weight:** 491.35
Appearance: White solid **Observed mp:** 67 °C
TLC (R_f): 0.47 nBuOH/H₂O/AcOH (8:1:1)
Chemical Purity: 97.1%
Optical Purity (ee): Optically pure
Optical Rotation (Det.): [α]_D = +7.5° with c = 0.5 in MeOH
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.44, H 6.97, N 2.85; Found: C 46.64, H 6.92, N 3.04
Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	20.0	40.7	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	24.0	48.8	
EtOH	5.1	10.5	

Remarks:

QC Date: 14-9-2021

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