



Certificate of Analysis

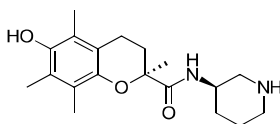
Axon Catalogue ID: 4437 **Batch Number:** 1

Product Name: Sonlicromanol

Alternative Name(s): KH176

IUPAC Name: N-((R)-3-Piperidyl)-(S)-6-hydroxy-2,5,7,8-tetramethyl-2-chromancarboxamide

Structure:



Amount:

CAS number(s): 1541170-75-5

Molecular Formula: C₁₉H₂₈N₂O₃ **Molecular Weight:** 332.44

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Appearance: Off-white solid **Observed mp:** 168 - 172 °C

TLC (R_f): 0.49 DCM/MeOH/NH₃ (20:1:0.1)

Chemical Purity: 99.4%

Optical Purity (de): 99.4%

Optical Rotation (Det.): [α]_D = -114.7° with c = 0.5 in EtOH

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 68.65, H 8.49, N 8.43; Found: C 68.58, H 8.58, N 8.58

Storage Conditions: Store at -20 °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)	33.2	>100 mM	
	DMSO	20.0	60.2	
	EtOH	20.0	60.2	

Remarks:

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