

Certificate of Analysis

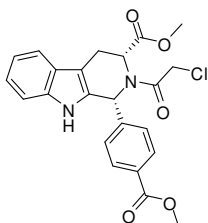
Axon Catalogue ID: 3617 **Batch Number:** 1

Product Name: 1R,3R-RSL3 (negative control)

Alternative Name(s): N.A.

IUPAC Name: (1R,3R)-Methyl 2-(2-chloroacetyl)-1-(4-(methoxycarbonyl)phenyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate

Structure:



Amount:

CAS number(s): 1219810-15-7

Molecular Formula: C₂₃H₂₁ClN₂O₅ **Molecular Weight:** 440.88

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Appearance: Off-white solid **Observed mp:** >300 °C

TLC (R_f): 0.48 DCM/MeOH (9:1)

Chemical Purity: 99.9%

Optical Purity (de): 100%

Optical Rotation (Det.): [α]_D = -135.4° with c = 0.5 in DMSO

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 62.66, H 4.80, N 6.35; Found: C 62.52, H 4.42, N 6.09

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	9.5	21.5	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 16-5-2022

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