



Certificate of Analysis

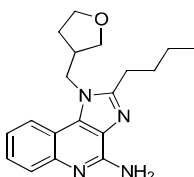
Axon Catalogue ID: 4466 **Batch Number:** 1

Product Name: SMU-L11

Alternative Name(s): N.A.

IUPAC Name: 4-Butyl-3-((perhydro-3-furyl)methyl)-3,5,8-triazatricyclo[7.4.0.0.02,6]trideca-1(13),2(6),4,7,9,11-hexaen-7-ylamine

Structure:



Amount:

CAS number(s): 3029695-07-3

Molecular Formula: C₁₉H₂₄N₄O **Molecular Weight:** 324.42

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Appearance: Off-white solid **Observed mp:** 165 - 166 °C

TLC (R_f): 0.4 DCM/MeOH (20:1)

Chemical Purity: 99.2%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 70.34, H 7.46, N 17.27; Found: C 70.23, H 7.47, N 17.31

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)	32.4	>100 mM	
	DMSO	8.0	24.7	
	EtOH	7.6	23.4	

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