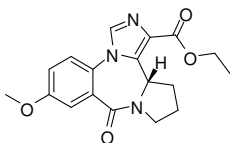




Certificate of Analysis

Axon Catalogue ID: 3390 **Batch Number:** 1
Product Name: L-655,708
Alternative Name(s): N.A.
IUPAC Name: (S)-Ethyl 7-methoxy-9-oxo-11,12,13,13a-tetrahydro-9H-benzo[e]imidazo[5,1-c]pyrrolo[1,2-a][1,4]diazepine-1-carboxylate

Structure:



Amount:

CAS number(s): 130477-52-0
Molecular Formula: C₁₈H₁₉N₃O₄ **Molecular Weight:** 341.36
Batch Molecular Formula: C₁₈H₁₉N₃O₄ **Batch Molecular Weight:** 341.36
Appearance: White solid **Observed mp:** 199 - 202 °C
TLC (R_f): 0.58 DCM/MeOH (20:1)
Chemical Purity: 99.2%
Optical Purity (ee): 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.33, H 5.61, N 12.31; Found: C 63.03, H 5.48, N 12.27
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)			Not Tested
	DMSO	12.5	36.6	* Warming (40°C) and sonication
	EtOH			Not Tested

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 11-5-2021

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