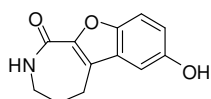




Certificate of Analysis

Axon Catalogue ID: 1627 **Batch Number:** 1
Product Name: CID 755673
Alternative Name(s): N.A.
IUPAC Name: 7-Hydroxy-2,3,4,5-tetrahydro-1H-benzofuro[2,3-c]azepin-1-one

Structure:



Amount:

CAS number(s): 521937-07-5
Molecular Formula: C₁₂H₁₁NO₃ **Molecular Weight:** 217.22
Batch Molecular Formula: C₁₂H₁₁NO₃ **Batch Molecular Weight:** 217.22
Appearance: Light-brown Solid **Observed mp:** >248 °C (decomp)
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.35, H 5.10, N 6.45; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	21.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-06-2020

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