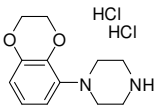




Certificate of Analysis

Axon Catalogue ID:	1142	Batch Number:	2
Product Name:	Eltoprazine hydrochloride		
Alternative Name(s):	DU 28853		
IUPAC Name:	1-(2,3-Dihydrobenzo[b][1,4]dioxin-5-yl)piperazine dihydrochloride		
Structure:		Amount:	
CAS number(s):	98224-03-4 (parent), 143485-51-2 (HCl (1:2))		
Molecular Formula:	C ₁₂ H ₁₆ N ₂ O ₂ .2HCl	Molecular Weight:	293.19
Batch Molecular Formula:	C ₁₂ H ₁₆ N ₂ O ₂ .2HCl.0.75H ₂ O	Batch Molecular Weight:	306.70
Appearance:	Off-white solid	Observed mp:	>235 °C (decomp)
TLC (R_f):	0.3	DCM/MeOH/NH ₃ (9:1:0.01)	
Chemical Purity:	99.8%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 46.99, H 6.41, N 9.13; Found: C 46.99, H 6.29, N 9.16		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM) Remarks
	Water	30.7	>100 mM
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	20.0	65.2
	EtOH		Not Tested
Remarks:			
QC Date:	15-3-2022		

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