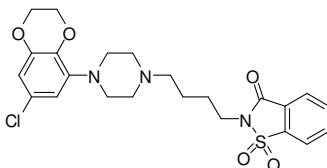




Certificate of Analysis

Axon Catalogue ID: 2750 **Batch Number:** 1
Product Name: DU125530
Alternative Name(s): N.A.
IUPAC Name: 2-[4-[4-(7-Chloro-2,3-dihydro-1,4-benzodioxin-5-yl)-1-piperazinyl]butyl]-1,2-benzisothiazol-3(2H)-one-1,1-dioxide

Structure:



Amount:

CAS number(s): 161611-99-0
Molecular Formula: C₂₃H₂₆ClN₃O₅S **Molecular Weight:** 491.99
Batch Molecular Formula: C₂₃H₂₆ClN₃O₅S **Batch Molecular Weight:** 491.99
Appearance: White solid **Observed mp:** 129.0 - 131.0 °C
TLC (R_f): 0.5 EtOAc
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.15, H 5.33, N 8.54; Found: C 56.08, H 5.07, N 8.55
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)			Not Tested
	DMSO	32.0	65.0	
	EtOH			Not Tested

Remarks:

QC Date: 16-9-2022

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