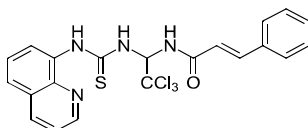




Certificate of Analysis

Axon Catalogue ID: 4249 **Batch Number:** 1
Product Name: Salubrinol
Alternative Name(s): N.A.
IUPAC Name: N-[2,2,2-Trichloro-1-(quinolin-8-ylaminocarbamthioyl)ethyl]-(2E)-3-phenylprop-2-enamide

Structure:



Amount:

CAS number(s): 405060-95-9
Molecular Formula: C₂₁H₁₇Cl₃N₄O₅ **Molecular Weight:** 479.81
Batch Molecular Formula: C₂₁H₁₇Cl₃N₄O₅ **Batch Molecular Weight:** 479.81
Appearance: Beige solid **Observed mp:** 177 - 179 °C (decomp)
TLC (R_f): 0.5 Hex/EtOAc (1:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.57, H 3.57, N 11.68; Found: C 52.44, H 3.63, N 11.68
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	48.0	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 13/09/2024

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