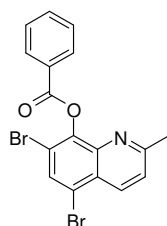




Certificate of Analysis

Axon Catalogue ID: 2804 **Batch Number:** 1
Product Name: Broxaldine
Alternative Name(s): Brobenzoxaldine
IUPAC Name: 5,7-Dibromo-2-methylquinolin-8-yl benzoate

Structure:



Amount:

CAS number(s): 3684-46-6
Molecular Formula: C₁₇H₁₁Br₂NO₂ **Molecular Weight:** 421.08
Batch Molecular Formula: C₁₇H₁₁Br₂NO₂ **Batch Molecular Weight:** 421.08
Appearance: White solid **Observed mp:** 134.9 - 135.9 °C
TLC (R_f): 0.59 Hex/EtOAc (4:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.49, H 2.63, N 3.33; Found: C 48.28, H 2.55, N 3.33
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)	0.0	0.0	Insoluble
	DMSO	6.0	14.2	Requires warming (40°C)
	EtOH			Not Tested

Remarks:

QC Date: 08-12-2017

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