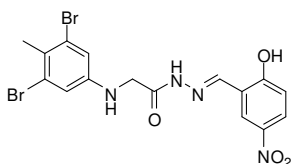




Certificate of Analysis

Axon Catalogue ID: 2549 **Batch Number:** 1
Product Name: L67
Alternative Name(s): N.A.
IUPAC Name: 2-(3,5-dibromo-4-methylphenylamino)-N'-(2-hydroxy-5-nitrobenzylidene)acetohydrazide

Structure:



Amount:

CAS number(s): 325970-71-6
Molecular Formula: C₁₆H₁₄Br₂N₄O₄ **Molecular Weight:** 486.11
Batch Molecular Formula: C₁₆H₁₄Br₂N₄O₄·0.75H₂O **Batch Molecular Weight:** 499.63
Appearance: Yellow solid **Observed mp:** 232.1 - 234.5 °C
TLC (R_f): 0.34 DCM/MeOH/AcOH (20:1:0.01)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 38.46, H 3.13, N 11.21; Found: C 38.28, H 3.18, N 11.64
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	11.0	22.0	
	EtOH			Not Tested

Remarks:

QC Date: 14-12-2021

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