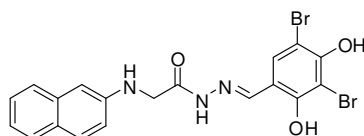




Certificate of Analysis

Axon Catalogue ID: 2572 **Batch Number:** 1
Product Name: GlyH 101
Alternative Name(s): N.A.
IUPAC Name: (E)-N¹-(3,5-Dibromo-2,4-dihydroxybenzylidene)-2-(naphthalen-2-ylamino)acetohydrazide

Structure:



Amount:

CAS number(s): 328541-79-3
Molecular Formula: C₁₉H₁₅Br₂N₃O₃ **Molecular Weight:** 493.15
Batch Molecular Formula: C₁₉H₁₅Br₂N₃O₃·0.25H₂O **Batch Molecular Weight:** 497.65
Appearance: Beige solid **Observed mp:** 226 - 228 °C
TLC (R_f): 0.4 DCM/MeOH (4:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.86, H 3.14, N 8.44; Found: C 45.61, H 3.25, N 8.13
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	49.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 09-06-2021

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