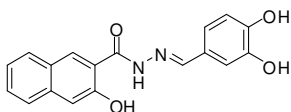




## Certificate of Analysis

**Axon Catalogue ID:** 3879 **Batch Number:** 1  
**Product Name:** Dynasore  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N'-(3,4-Dihydroxybenzylidene)-3-hydroxy-2-naphthohydrazide

**Structure:**



**Amount:**

**CAS number(s):** 304448-55-3  
**Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 322.31  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>.1.25H<sub>2</sub>O **Batch Molecular Weight:** 344.83  
**Appearance:** Off-white solid **Observed mp:** 266.5 - 267.3 °C  
**TLC (R<sub>f</sub>):** 0.36 EtOAc (100%)  
**Chemical Purity:** 99.2%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 62.69, H 4.82, N 8.12; Found: C 62.59, H 4.91, N 8.04  
**Storage Conditions:** Desiccate at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	3.4	9.9	
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	34.5	>100 mM	
	EtOH	2.1	6.2	

**Remarks:**

**QC Date:** 15-9-2023

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**