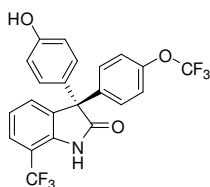




## Certificate of Analysis

**Axon Catalogue ID:** 3594 **Batch Number:** 1  
**Product Name:** ErSO  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (R)-3-(4-Hydroxyphenyl)-3-(4-(trifluoromethoxy)phenyl)-7-(trifluoromethyl)indolin-2-one

**Structure:**



**Amount:**

**CAS number(s):** 2407860-35-7  
**Molecular Formula:** C<sub>22</sub>H<sub>13</sub>F<sub>6</sub>NO<sub>3</sub> **Molecular Weight:** 453.33  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>13</sub>F<sub>6</sub>NO<sub>3</sub>.0.25H<sub>2</sub>O **Batch Molecular Weight:** 457.84  
**Appearance:** White solid **Observed mp:** 92.5 - 94.5 °C  
**TLC (R<sub>f</sub>):** 0.2 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):** 100%  
**Optical Rotation (Det.):** [α]<sub>D</sub> = -18.5° with c = 1 in CHCl<sub>3</sub>  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 57.71, H 2.97, N 3.06; Found: C 57.79, H 2.90, N 3.04  
**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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	45.8	>100 mM	
	EtOH	45.8	>100 mM	

**Remarks:**

**QC Date:** 3-8-2022

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**