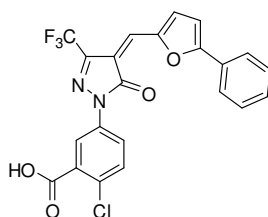




## Certificate of Analysis

**Axon Catalogue ID:** 2737 **Batch Number:** 1  
**Product Name:** EN460  
**Alternative Name(s):** ERO1 Inhibitor II  
**IUPAC Name:** (Z)-2-Chloro-5-(5-oxo-4-((5-phenylfuran-2-yl)methylene)-3-(trifluoromethyl)-4,5-dihydro-1H-pyrazol-1-yl)benzoic acid

**Structure:**



**Amount:**

**CAS number(s):** 496807-64-8  
**Molecular Formula:** C<sub>22</sub>H<sub>12</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 460.79  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>12</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>4</sub>·0.25H<sub>2</sub>O **Batch Molecular Weight:** 465.29  
**Appearance:** Red solid **Observed mp:** 260 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.79, H 2.71, N 6.02; Found: C 56.71, H 2.66, N 5.89  
**Storage Conditions:** Desiccate at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	2.9	6.2	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-11-2017

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

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