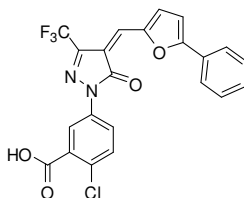




Certificate of Analysis

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: C₂₂H₁₂ClF₃N₂O₄ **Molecular Weight:** 460.79
Batch Molecular Formula: C₂₂H₁₂ClF₃N₂O₄.0.25H₂O **Batch Molecular Weight:** 465.29
Appearance: Red solid **Observed mp:** 260 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 99.3%
¹H-NMR: 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 (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	2.9	6.2	
	EtOH			Not Tested

Remarks:

QC Date: 6-1-2023

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only