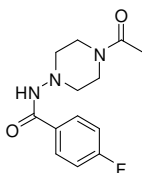




## Certificate of Analysis

**Axon Catalogue ID:** 1607 **Batch Number:** 1  
**Product Name:** FK 960  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-Acetylpiperazin-1-yl)-4-fluorobenzamide

**Structure:**



**Amount:**

**CAS number(s):** 133920-70-4  
**Molecular Formula:** C<sub>13</sub>H<sub>16</sub>N<sub>3</sub>O<sub>2</sub> **Molecular Weight:** 265.28  
**Batch Molecular Formula:** C<sub>13</sub>H<sub>16</sub>N<sub>3</sub>O<sub>2</sub> **Batch Molecular Weight:** 265.28  
**Appearance:** White solid **Observed mp:** 211 - 213 °C  
**TLC (R<sub>f</sub>):** 0.27 DCM/MeOH (9:1)  
**Chemical Purity:** 98.1%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 58.86, H 6.08, N 7.16; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	4.6	17.3	
	DMSO	17.0	64.1	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 21-6-2024

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**