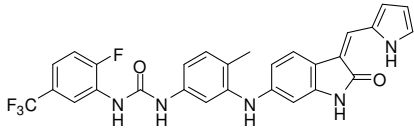




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	2248	<b>Batch Number:</b>	2
<b>Product Name:</b>	GNF 5837		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	1-(3-(3-((1H-Pyrrol-2-yl)methylene)-2-oxindolin-6-ylamino)-4-methylphenyl)-3-(2-fluoro-5-(trifluoromethyl)phenyl)urea		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	1033769-28-6		
<b>Molecular Formula:</b>	C28H21F4N5O2	<b>Molecular Weight:</b>	535.49
<b>Batch Molecular Formula:</b>	C28H21F4N5O2	<b>Batch Molecular Weight:</b>	535.49
<b>Appearance:</b>	Orange solid	<b>Observed mp:</b>	>235 °C (decomp)
<b>TLC (R<sub>f</sub>):</b>	0.7	Hex/EtOAc (1:1)	
<b>Chemical Purity:</b>	99.4%		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 62.80, H 3.95, N 13.08; Found: C 62.43, H 3.87, N 12.92		
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	44.0	82.2
	EtOH	8.4	15.7
			* Warming (40°C)
<b>Remarks:</b>	Is suspected to be unstable in solution. * Warming (40°C) enhanced solubility.		
<b>QC Date:</b>	22-9-2021		

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**