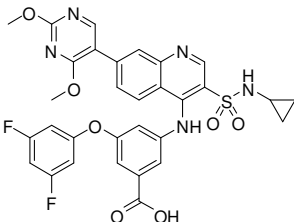




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3621	<b>Batch Number:</b>	1																								
<b>Product Name:</b>	GSK2837808A																										
<b>Alternative Name(s):</b>	N.A.																										
<b>IUPAC Name:</b>	3-(3-(N-Cyclopropylsulfamoyl)-7-(2,4-dimethoxypyrimidin-5-yl)quinolin-4-ylamino)-5-(3,5-difluorophenoxy)benzoic acid																										
<b>Structure:</b>		<b>Amount:</b>																									
<b>CAS number(s):</b>	1445879-21-9																										
<b>Molecular Formula:</b>	C31H25F2N5O7S	<b>Molecular Weight:</b>	649.62																								
<b>Batch Molecular Formula:</b>	C31H25F2N5O7S.0.75H2O	<b>Batch Molecular Weight:</b>	663.13																								
<b>Appearance:</b>	Yellow solid	<b>Observed mp:</b>	>243 °C (decomp)																								
<b>TLC (R<sub>f</sub>):</b>	0.29	DCM/MeOH/NH <sub>3</sub> (9:1:0.1)																									
<b>Chemical Purity:</b>	98.1%																										
<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 56.15, H 4.03, N 10.56; Found: C 55.90, H 3.64, N 10.47																										
<b>Storage Conditions:</b>	Store at +4 °C																										
<b>Solubility Data:</b>	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>DMSO</td><td>52.7</td><td>79.5</td><td></td></tr><tr><td>EtOH</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)	0.0	0.0	Insoluble	DMSO	52.7	79.5		EtOH	0.0	0.0	Insoluble		
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<b>Remarks:</b>																											
<b>QC Date:</b>	9-5-2022																										

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**