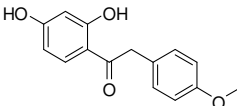




Certificate of Analysis

Axon Catalogue ID:	3633	Batch Number:	1																								
Product Name:	Ononetin																										
Alternative Name(s):	N.A.																										
IUPAC Name:	1-(2,4-Dihydroxyphenyl)-2-(4-methoxyphenyl)ethanone																										
Structure:		Amount:																									
CAS number(s):	487-49-0																										
Molecular Formula:	C ₁₅ H ₁₄ O ₄	Molecular Weight:	258.27																								
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Appearance:	White solid	Observed mp:	162.0 - 163.2 °C																								
TLC (R_f):	0.57	DCM (100%)																									
Chemical Purity:	99.6%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 69.76, H 5.46, N 0.00; Found: C 69.73, H 5.42, N <0.10																										
Storage Conditions:	Desiccate at -20 °C																										
Solubility Data:	<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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>25.8</td><td>>100 mM</td><td></td></tr><tr><td>EtOH</td><td>11.2</td><td>43.4</td><td></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)			Not Tested	DMSO	25.8	>100 mM		EtOH	11.2	43.4			
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Remarks:																											
QC Date:	30-6-2022																										

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only