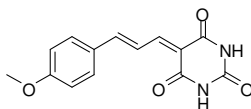




## Certificate of Analysis

**Axon Catalogue ID:** 2703 **Batch Number:** 2  
**Product Name:** ML346  
**Alternative Name(s):** CID 767276  
**IUPAC Name:** (E)-5-(3-(4-Methoxyphenyl)allylidene)pyrimidine-2,4,6(1H,3H,5H)-trione

**Structure:**



**Amount:**

**CAS number(s):** 100872-83-1  
**Molecular Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 272.26  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> **Batch Molecular Weight:** 272.26  
**Appearance:** Red solid **Observed mp:** 280 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.61 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 61.76, H 4.44, N 10.29; Found: C 61.39, H 4.40, N 10.29  
**Storage Conditions:** Store at +4 °C

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	27.2	>100 mM	
EtOH			Not Tested

**Remarks:**

**QC Date:** 24-8-2022

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**