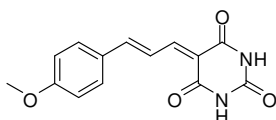




Certificate of Analysis

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

Structure:



Amount:

CAS number(s): 100872-83-1
Molecular Formula: C₁₄H₁₂N₂O₄ **Molecular Weight:** 272.26
Batch Molecular Formula: C₁₄H₁₂N₂O₄ **Batch Molecular Weight:** 272.26
Appearance: Red solid **Observed mp:** 280 °C (decomp)
TLC (R_f): 0.61 DCM/MeOH (9:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): 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

Solubility Data:	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: 02-08-2017

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