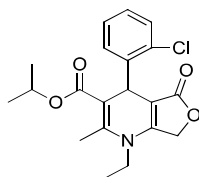




## Certificate of Analysis

**Axon Catalogue ID:** 4492 **Batch Number:** 1  
**Product Name:** BAY R3401  
**Alternative Name(s):** N.A.  
**IUPAC Name:** Isopropyl 7-(2-chlorophenyl)-4-ethyl-5-methyl-1-oxo-2-oxa-4-aza-1,3,4,7-tetrahydro-6-indenecarboxylate

**Structure:**



**Amount:**

**CAS number(s):** 100276-03-7  
**Molecular Formula:** C<sub>20</sub>H<sub>22</sub>ClNO<sub>4</sub> **Molecular Weight:** 375.85  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>22</sub>ClNO<sub>4</sub> **Batch Molecular Weight:** 375.85  
**Appearance:** Light-yellow solid **Observed mp:** 61.5 - 64.0 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (20:1)  
**Chemical Purity:** 97.7%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 63.91, H 5.90, N 3.73; Found: C 63.80, H 5.92, N 3.54  
**Storage Conditions:** Desiccate at -20 °C

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	37.6	>100 mM	
EtOH	37.6	>100 mM	

**Remarks:** Suspected to be thermally unstable; store both solid material and stock solutions as cold as possible. It is recommended to use freshly prepared stock solutions for your experiments.

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**