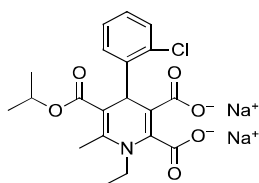




Certificate of Analysis

Axon Catalogue ID: 4447 **Batch Number:** 1
Product Name: BAY U6751
Alternative Name(s): N.A.
IUPAC Name: 4-(2-Chlorophenyl)-1-ethyl-6-methyl-5-propan-2-yloxycarbonyl-4H-pyridine-2,3-dicarboxylate disodium

Structure:



Amount:

CAS number(s): 320749-73-3 (parent), 114290-51-6 (Na salt (1:2))
Molecular Formula: C₂₀H₂₀ClNNa₂O₆ **Molecular Weight:** 451.81
Batch Molecular Formula: C₂₀H₂₀ClNNa₂O₆.H₂O **Batch Molecular Weight:** 469.82
Appearance: Pale-yellow solid **Observed mp:** >150 °C (decomp)
TLC (R_f): 0.54 BuOH/AcOH/H₂O (7:1:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.13, H 4.72, N 2.98; Found: C 51.04, H 4.82, N 2.83
Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	47.0	>100 mM	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	47.0	>100 mM	
EtOH	20.0	42.6	* Sonication.

Remarks: * Sonication enhanced solubility.
 Suspected to be unstable in acidic solutions. It is recommended to prepare fresh 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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only