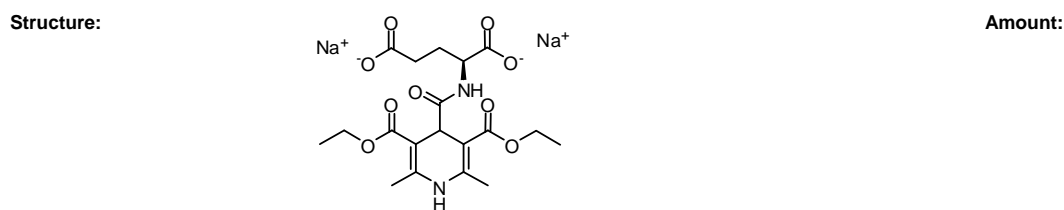




Certificate of Analysis

Axon Catalogue ID: 1120 **Batch Number:** 1
Product Name: Glutapyrone
Alternative Name(s): N.A.
IUPAC Name: 4-((S)-1,3-Dicarboxy-propylcarbamoyl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxylic acid diethyl ester disodium salt



CAS number: 92236-42-5 **MW:** 470.39

Batch Molecular Formula: C₁₉H₂₄N₂O₉.2Na **Batch MW:** 470.39

Appearance: Light Yellow Solid **Observed mp:** ND

TLC (R_f): 0.2 DCM/MeOH (5:1)

Chemical Purity: 99.0%

Optical Purity (ee): optically pure

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Not available

Storage Conditions: Desiccate at +4°C

Solubility Data:	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			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 10-8-2008

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only