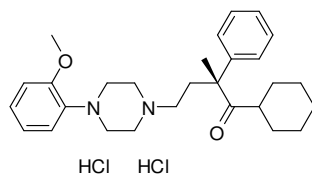




Certificate of Analysis

Axon Catalogue ID: 1095 **Batch Number:** 1
Product Name: (R)-(-)-LY 426965 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: (R)-1-cyclohexyl-4-(4-(2-methoxyphenyl)piperazin-1-yl)-2-methyl-2-phenylbutan-1-one dihydrochloride

Structure:



Amount:

CAS number: 228418-85-7 228418-83-5 (parent) **MW:** 507.54
Batch Molecular Formula: C₂₈H₃₈N₂O₂·2HCl **Batch MW:** 507.54
Appearance: White solid **Observed mp:** 180 °C (decomp)
TLC (R_f): 0.35 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): 99.0 % Based on chiral HPLC
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0	0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0	0	Insoluble
	DMSO	25	49	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 26-03-2013

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