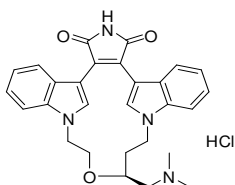




Certificate of Analysis

Axon Catalogue ID: 2362 **Batch Number:** 1
Product Name: LY 333531 hydrochloride
Alternative Name(s): Ruboxistaurin hydrochloride
IUPAC Name: 13-((Dimethylamino)methyl)-10,11,14,15-tetrahydro-4,9:16,21 -dimetheno-1H,13H-dibenzo(e,k)pyrrolo(3,4-h)(1,4,13) oxadiazacyclohexadecene-1,3(2H)-dione hydrochloride

Structure:



Amount:

CAS number: 169939-93-9
Batch Molecular Formula: C28H28N4O3.HCl.2H2O **Batch MW:** 541.03
Appearance: Red solid **Observed mp:** 325 °C (decomp)
TLC (R_f): 0.49 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.16 , H 6.15 , N 10.36 Found: C 62.07 , H 6.32 , N 10.66
Storage Conditions: Store at +4 °C

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	19.5	36.0	
EtOH			Not Tested

Remarks:

QC Date: 24-10-2014

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