

## CERTIFICATE OF ANALYSIS

<b>PRODUCT:</b>	<b>LY 333,531 . hydrochloride</b> [ <i>S</i> ]-13-[(Dimethylamino)methyl-10,11,14,15-tetrahydro-4, 9:16,21-dimetheno-1 <i>H</i> , 13 <i>H</i> -dibenzo[ <i>e,k</i> ]pyrrolo[3,4- <i>h</i> ][1,4,13]oxadiazacyclohexadecene-1,3(2 <i>H</i> )-dione . HCl; Ruboxistaurin . HCl] C <sub>28</sub> H <sub>28</sub> N <sub>4</sub> O <sub>3</sub> • HCl, M.W. 468.6 . 36.5, CAS# [169939-93-9]
<b>PRODUCT NUMBER:</b>	L-1011
<b>LOT NUMBER:</b>	B1884
<b>APPEARANCE:</b>	Red solid
<b>PURITY:</b>	≥ 98% ( <sup>1</sup> H-NMR)
<b>SOLUBILITY:</b>	Soluble in DMSO; Slightly soluble in 100% ethanol or water.
<b>DESCRIPTION:</b>	Isozyme selective inhibitor of protein kinase Cβ (PKCβ). Inhibits both the PKCβI (IC <sub>50</sub> = 4.7nM) and PKCβII (IC <sub>50</sub> = 5.9nM) isozymes. 76- and 61-fold more selective for inhibition of PKCβI and PKCβII over PKCα.
<b>STORAGE &amp; HANDLING:</b>	Keep cool and dry at +4°C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT