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## CERTIFICATE OF ANALYSIS

<b>PRODUCT:</b>	<b>GF-109203X</b> [Bisindolylmaleimide I; Go 6850; 2-[1-(3-Dimethylaminopropyl)-1H-indol-3-yl]-3-(1H-indol-3-yl)-maleimide] <b>C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>, M.W. 412.5, CAS# [133052-90-1]</b>
<b>PRODUCT NUMBER:</b>	G-1063
<b>LOT NUMBER:</b>	F1230A
<b>APPEARANCE:</b>	Red/orange solid
<b>SOLUBILITY:</b>	Soluble in DMSO, DMF @ 10mg/ml warm to 40°C
<b>PURITY (TLC):</b>	98%
<b>NMR:</b>	Conforms
<b>PRODUCT INFORMATION:</b>	Cell permeable kinase inhibitor with improved selectivity for protein kinase C (PKC) ( $K_i = 10\text{nM}$ ) over several serine/threonine and tyrosine kinases as compared to staurosporine (Prod.# S-1016). Acts as a competitive inhibitor for the ATP-binding site of PKC. Also inhibits telomerase activity in Quercetin (Prod.# Q-2412), H-89 (Prod.# H-1024), or Herbimycin A (Prod.# H-1050) treated NPC-076 cells. Inhibits protein kinase A at much higher concentrations ( $K_i = 2\mu\text{M}$ ).
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at -20°C. <b>PROTECT FROM LIGHT!</b> <b><u>WARNING:</u> HARMFUL! MAY BE CARCINOGENIC!</b> CAUTION: For laboratory research & scientific manufacturing 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: EK