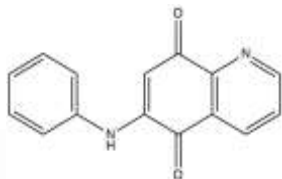


**PRODUCT: LY-83583****ALTERNATE NAME:** 6-(phenylamino)-5,8-quinolinedione**CATALOG #:** B1314-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 250.25**CAS NUMBER:** 91300-60-6**APPEARANCE:** Violet solid**SOLUBILITY:** EtOH (~8 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** LY-83583 is an inhibitor of soluble guanylate cyclase and of cGMP production. It inhibits soluble guanylate cyclase in human platelets with an IC<sub>50</sub> value of 2 μM. Also blocks the release of intracellular Ca<sup>2+</sup> and antigen-induced leukotrienes.**REFERENCES:** Muelsh, A., *et al.* (1989). *Naunyn-Schmiedeberg's Archives of Pharmacology* **340** 119-125**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**BAY 58-2667 hydrochloride (**Cat. No. 2027-1**)BAY 58-2667, Free base (**Cat. No. 2452-1, 5**)Forskolin (**Cat. No. 1531-5**)LY-83583 (**Cat. No. B1314-5,25**)ODQ (**Cat. No. 2051-10, 50**)SQ 22536 (**Cat. No. 2019-5, 25**)YC-1 (**Cat. No. 2061-5, 25**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**