LY-83,583

Guanylyl cyclase inhibitor

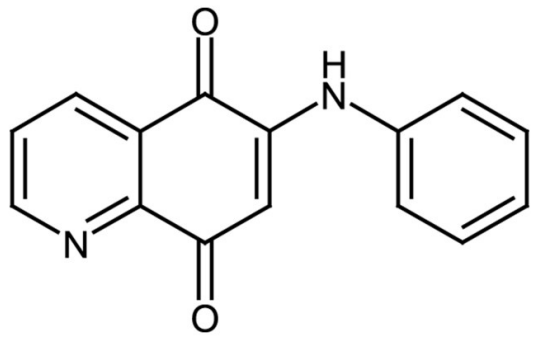
Competitive inhibitor of soluble guanylyl cyclase (sGC) (IC_{50}=2μM) and of cGMP production. Neurotoxin. Blocks antigen-induced leukotriene release and reduces platelet-endothelial cell adhesion. Blocks acethylcholine-induced vasorelaxation.

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ALX-550-002-M005	5mg
ALX-550-002-M025	25mg

Manuals, SDS & CofA View Online »

O H N N O	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-(Phenylamino)-5,8-quinolinedione, 6-Anilino-5,8-quinolinedione
Appearance	Violet to dark red powder.
CAS	91300-60-6
Couple Target	Guanylyl cyclase
Couple Type	Inhibitor
Formula	$C_{15}H_{10}N_2O_2$
Identity	Determined by 1H-NMR.
MW	250.3
Purity	≥95% (TLC)
Solubility	Soluble in methanol, methylene chloride or diluted aqueous acid; insoluble in water.
Source	Synthetic.

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