

Product Data Sheet

Product Name: 2-Phenyl-1, 4-benzoquinone

Cat. No.: GF34316

Chemical Properties

Cas. No. 363-03-1

Formula C₁₂H₈O₂ M.Wt 184.19

Solubility DMSO : 100 mg/mL (542.92 mM; Need ultrasonic) Storage Store at RT, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

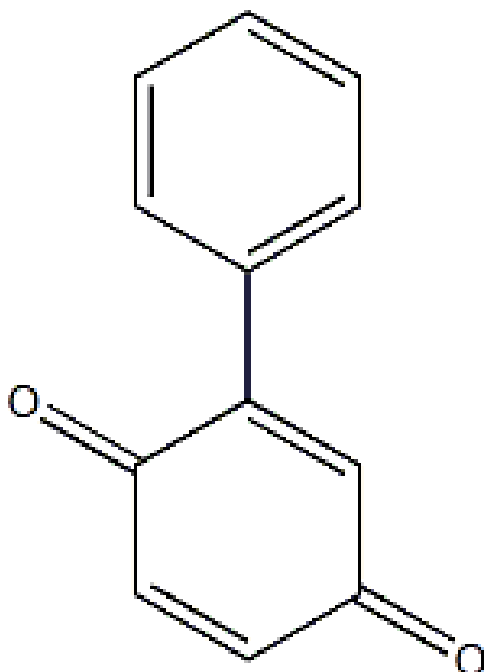
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Phenylquinone (2-Phenylbenzoquinone) causes pain and induces writhing in mice, and is often used in experiments to test the effectiveness of analgesics or anesthetics.

[1]. TABER RI, et al. INHIBITION OF PHENYLQUINONE-INDUCED WRITHING BY NARCOTIC

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ANTAGONISTS. Nature. 1964 Oct 10;204:189-90.

[2]. Dewey WL, et al. The effect of various neurohumoral modulators on the activity of morphine and the narcotic antagonists in the tail-flick and phenylquinone tests. J Pharmacol Exp Ther. 1970 Nov;175(2):435-42.

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