

---

**Product Data Sheet**

---

Product Name: 2-(4-Biphenyl)-5-phenyl-1,3,4-oxadiazole

Cat. No.: GC67619

**Chemical Properties**

Cas. No. 852-38-0

Formula  $C_{20}H_{14}N_2O$  M.Wt 298.34Solubility Storage Store at  $-20^{\circ}C$ 

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

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

Structure **Background**

2-(4-Biphenyl)-5-phenyl-1,3,4-oxadiazole is a laser dye with high photoluminescence (PL) quantum efficiency<sup>[1]</sup>.

[1]. Wang C, et al. Polymeric Alkoxy PBD [2-(4-Biphenyl)-5-Phenyl-1, 3, 4-Oxadiazole] for Light-Emitting Diodes. *Advanced Functional Materials*, 2001, 11(1): 47-50.

**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