

---

**Product Data Sheet**

---

Product Name: Benzyl nicotinate

Cat. No.: GC63815

**Chemical Properties**

Cas. No. 94-44-0

Formula C<sub>13</sub>H<sub>11</sub>NO<sub>2</sub>

M.Wt 213.23

Solubility DMSO : 100 mg/mL (468.98 mM; Need ultrasonic) Storage Store at -20°C

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.

Structure **Background**

Benzyl nicotinate, a vasodilator, is used as an active ingredient that causes hyperemia[1][2].

[1]. Erjavec V, et al. In vivo study of liposomes as drug carriers to oral mucosa using EPR oximetry. Int J Pharm. 2006;307(1):1-8. [2]. Petelin M, et al. In vivo study of different ointments for drug delivery into oral mucosa by EPR oximetry. Int J Pharm. 2004;270(1-2):83-91.

**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