
Product Data Sheet

Product Name: Benzyl alcohol-d1

Cat. No.: GC71676

Chemical Properties

Cas. No. 14915-25-4

Formula C₇H₇D₀

M.Wt 109.14

Solubility Ethanol : ≥ 100 mg/mL (916.25 mM); H₂O : 4°C, sealed storage,
20 mg/mL (183.25 mM; Need ultrasonic) Storage away from moisture
and light

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 alcohol-d1 is the deuterium labeled Benzyl alcohol[1].

Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs^[1].

<p >References:

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.

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
