
Product Data Sheet

Product Name: p-Dimethylaminobenzaldehyde

Cat. No.: GC39786

Chemical Properties

Cas. No. 100-10-7

SMILES O=CC1=CC=C(N(C)C)C=C1Formula C9H11NO

M.Wt 149.19

Solubility DMSO : 100 mg/mL (670.29 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**

p-Dimethylaminobenzaldehyde (4-Dimethylaminobenzaldehyde) is an organic compound containing amine and aldehyde moieties which is used in Ehrlich's reagent and Kovac's reagent to test for indoles[1].

[1]. Axel Ehmman, et al. The van URK-Salkowski reagent — a sensitive and specific chromogenic reagent for silica gel thin-layer chromatographic detection and identification of indole derivatives. Journal of Chromatography A. Volume 132, Issue 2, 11 February 1977, Pages 267-276.

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
