

Product Data Sheet

Product Name: 4-Nitrobenzyl Alcohol

Cat. No.: GD18209

Chemical Properties

Cas. No. 619-73-8

Formula C₇H₇NO₃

M.Wt 153.14

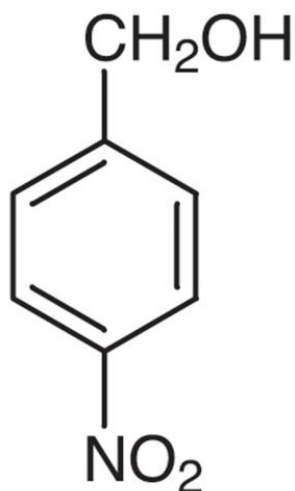
Solubility

Storage

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

4-Nitrobenzyl alcohol (4-Nitrobenzenemethanol) is a nitro compound used as a reactant in drug

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

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synthesis. 4-Nitrobenzyl alcohol can be catalyzed to 4-nitrobenzaldehyde by the enzyme encoded by the benzyl alcohol dehydrogenase gene (ntnD).

[1]. James K D, Hughes M A, Williams P A. Cloning and expression of ntnD, encoding a novel NAD (P)+-independent 4-nitrobenzyl alcohol dehydrogenase from Pseudomonas sp. strain TW3[J]. Journal of Bacteriology, 2000, 182(11): 3136-3141.

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