
Product Data Sheet

Product Name: p-Hydroxybenzaldehyde

Cat. No.: GC31282

Chemical Properties

Cas. No. 123-08-0

SMILES O=CC1=CC=C(O)C=C1

Formula C7H6O2

M.Wt 122.12

Solubility DMSO: 100 mg/mL (818.87 mM); Water: 10 mg/mL (81.89 mM)

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-Hydroxybenzaldehyde (4-Hydroxybenzaldehyde, 4-Formylphenol, p-Formylphenol), which can be found in the orchids *Gastrodia elata*, *Galeola faberi* and vanilla, is a hydroxybenzaldehyde that reacts with NAD⁺ and H₂O to produce 4-hydroxybenzoate, NADH, and 2 protons. p-Hydroxybenzaldehyde at 101.7 μM can significantly reduce the GABA-induced chloride current of GABA_A receptors (α1β2γ2S subtype) expressed.

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

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