

Product Data Sheet

Product Name: Phenolphthalein

Cat. No.: GC30678

Chemical Properties

Cas. No. 77-09-8

SMILES O=C1OC(C2=CC=C(O)C=C2)(C3=CC=C(O)C=C3)C4=C1C=CC=C4

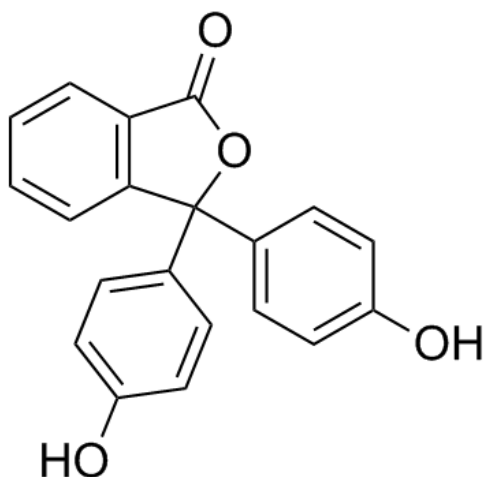
Formula $C_{20}H_{14}O_4$ M.Wt 318.32

Solubility DMSO : 100 mg/mL (314.15 mM) Storage Store at -20°C, protect from 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

Phenolphthalein is a widely applied but toxic indicator dye.

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

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[1]. Fleischmann C, et al. Color indicator for supramolecular polymer chemistry: phenolphthalein-containing thermo- and pH-sensitive N-(Isopropyl)acrylamide copolymers and β -cyclodextrin complexation. *Macromol Rapid Commun.* 2013 Jul 12;34(13):1085-9.

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