
Product Data Sheet

Product Name: Thymol iodide

Cat. No.: GC38951

Chemical Properties

Cas. No. 552-22-7

SMILES CC(C1=C(O)C=C(C)C(C2=CC(C(C)C)=C(O)C=C2C)=C1)CFormula $C_{20}H_{24}I_2O_2$ M.Wt 550.21

Solubility DMSO: < 1 mg/mL (insoluble or slightly soluble) 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**

Thymol iodide is a compound of Iodide and Thymol. Thymol iodide acts as a substitute for iodoform[1]. Thymol iodide is an iodine derivative of Thymol (a phenol derived from thyme oil), which is mostly used as mild antiseptic and fungicide[2].

[1]. Gupta PC. Use of Thymol Iodide in Interstitial Keratitis. Ind Med Gaz. 1931 May;66(5):267-268. [2]. AshutoshSrivastava, A study on enrichment of the rotifer Brachionus "" with iodine from different sources. Aquaculture. 2012 Mar 7, 334-337:82-88.

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

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