

Product Data Sheet

Product Name: Syringol
Cat. No.: GC49276

Chemical Properties

Cas. No. 91-10-1

SMILES OC1=C(OC)C=CC=C1OC

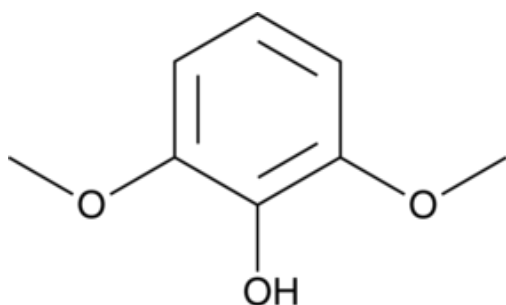
Formula C₈H₁₀O₃ M.Wt 154.2

Solubility DMF: 30 mg/ml, DMSO: 20 mg/ml, Ethanol: 25 mg/ml, PBS (pH 7.2): 3 mg/ml
Storage -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

Syringol is a phenolic lignan pyrolysis product that has been found in wood smoke.^{1,2}

1. Kjällstrand, J., and Petersson, G. Phenolic antioxidants in wood smoke. *Sci. Total Environ.* 277(1-3):69-75 (2001)
2. Wedekind, R., Keski-Rahkonen, P., Robinot, N., et al. Syringol metabolites as new biomarkers for smoked meat intake. *Am. J. Clin. Nutr.* 110(6):1424-1433 (2019)

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

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