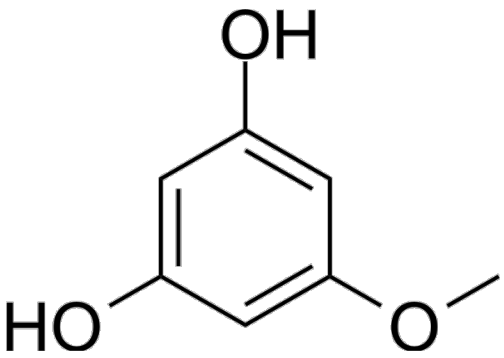
Product Data Sheet

Product Name: 5-Methoxyresorcinol
Cat. No.: GC76832

Chemical Properties

Cas. No.	2174-64-3		
Formula	$C_7H_8O_3$	M.Wt	140.14
Solubility	DMSO: 100 mg/mL (713.57 mM; Need ultrasonic)	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

5-Methoxyresorcinol is a member of the resorcinol family, which is phloroglucinol, in which phenol hydrogen is replaced by a methyl group. It has the function of a metabolite of brassica napus. 5-Methoxyresorcinol inhibits protein synthesis[1].

References:
[1]. Herrera DP, et al. Rational Design of Resveratrol O-methyltransferase for the Production of Pinostilbene. Int J Mol Sci. 2021 Apr 21;22(9):4345.

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