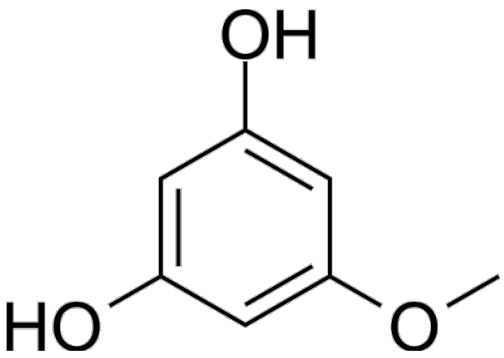
# Product Data Sheet

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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