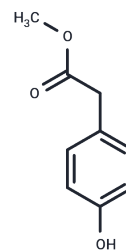


Methyl 4-Hydroxyphenylacetate

Chemical Properties

CAS No. :	14199-15-6
Formula:	C ₉ H ₁₀ O ₃
Molecular Weight:	166.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Methyl 4-Hydroxyphenylacetate has potent inhibitory activity against tobacco mosaic virus (TMV).
Targets(IC50)	Antifection
In vitro	The structure of the new compound 1 was elucidated based on the spectroscopic analysis. Bioactivity assays showed that 2-(4-hydroxybenzyl) quinazolin-4(3H)-one (2) and Methyl 4-Hydroxyphenylacetate (5) had potent inhibitory activity against tobacco mosaic virus (TMV), and the new compound 1 had moderate inhibitory activity against TMV and human gastric cancer cell SGC-7901.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0179 mL	30.0897 mL	60.1793 mL
5 mM	1.2036 mL	6.0179 mL	12.0359 mL
10 mM	0.6018 mL	3.009 mL	6.0179 mL
50 mM	0.1204 mL	0.6018 mL	1.2036 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

A novel and other bioactive secondary metabolites from a marine fungus *Penicillium oxalicum* 0312F1. *Nat Prod Res.* 2013;27(24):2286-91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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