

(+)-Syringaresinol**Chemical Properties**

CAS No.:	21453-69-0
Formula:	C ₂₂ H ₂₆ O ₈
Molecular Weight:	418.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	(+)-Syringaresinol shows antioxidant potential, it exhibits cytoprotective activity in cultured MCF-7 cells stressed by H ₂ O ₂ .
Targets(IC ₅₀)	Antifection: None SIRT1: None
In vitro	A methanol extract from unripe Japanese apricot showed inhibitory activity of Helicobacter pylori motility[1]

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.39 mL	11.949 mL	23.898 mL
5 mM	0.478 mL	2.39 mL	4.78 mL
10 mM	0.239 mL	1.195 mL	2.39 mL
50 mM	0.048 mL	0.239 mL	0.478 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Inhibition of Helicobacter pylori motility by (+)-Syringaresinol from unripe Japanese apricot. Biol Pharm Bull. 2006 Jan;29(1):172-3.

Inhibitors · Natural Compounds · Compound Libraries

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