

4-methyl-6-phenyl-2H-pyranone

Chemical Properties

CAS No.:	4467-30-5
Formula:	C ₁₂ H ₁₀ O ₂
Molecular Weight:	186.21
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	4-methyl-6-phenyl-2H-pyranone is a natural product from <i>Scutellaria baicalensis</i> Georgi
Targets(IC ₅₀)	Others: None

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	5.37 mL	26.851 mL	53.703 mL
5 mM	1.074 mL	5.37 mL	10.741 mL
10 mM	0.537 mL	2.685 mL	5.37 mL
50 mM	0.107 mL	0.537 mL	1.074 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. Zhang Z , Ju T , Ye J H , et al. CO₂ = CO + O: Redox-Neutral Lactamization and Lactonization of C–H Bonds with CO₂[J]. Synlett, 2017, 28(07):741-750.

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