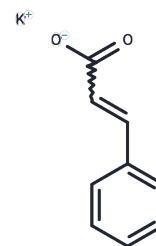


Potassium cinnamate

Chemical Properties

CAS No. :	16089-48-8
Formula:	C ₉ H ₇ KO ₂
Molecular Weight:	186.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Potassium cinnamate is the potassium salt of cinnamic acid, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3691 mL	26.8456 mL	53.6913 mL
5 mM	1.0738 mL	5.3691 mL	10.7383 mL
10 mM	0.5369 mL	2.6846 mL	5.3691 mL
50 mM	0.1074 mL	0.5369 mL	1.0738 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

Shi J, et al. Antimicrobial food packaging composite films prepared from hemicellulose/polyvinyl alcohol/potassium cinnamate blends. Int J Biol Macromol. 2022 Dec 1;222(Pt A):395-402.

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