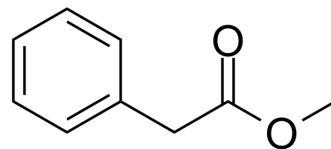


Methyl phenylacetate

Cat. No.:	HY-76063		
CAS No.:	101-41-7		
Molecular Formula:	C ₉ H ₁₀ O ₂		
Molecular Weight:	150.17		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (665.91 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.6591 mL	33.2956 mL	66.5912 mL
		5 mM	1.3318 mL	6.6591 mL	13.3182 mL
10 mM		0.6659 mL	3.3296 mL	6.6591 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Methyl phenylacetate is an endogenous metabolite.
IC₅₀ & Target	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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