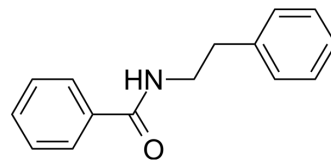


N-Phenethylbenzamide

Cat. No.:	HY-32135		
CAS No.:	3278-14-6		
Molecular Formula:	C ₁₅ H ₁₅ NO		
Molecular Weight:	225.29		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (221.94 mM; ultrasonic and warming and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.4387 mL	22.1936 mL	44.3872 mL
5 mM	0.8877 mL	4.4387 mL	8.8774 mL
10 mM	0.4439 mL	2.2194 mL	4.4387 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N-Phenethylbenzamide is an active compound. N-Phenethylbenzamide can be extracted from *Liriodendron tulipifera*. N-Phenethylbenzamide can be used for the research of inflammatory diseases^[1].

In Vitro

N-Phenethylbenzamide inhibits LPS-induced NO production with IC₅₀ value of 850 μM^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. InWha Park, et al. Tulipiferamide A, an Alkamide from *Liriodendron tulipifera*, Exhibits an Anti-Inflammatory Effect via Targeting IKKβ Phosphorylation. *J Nat Prod*

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

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