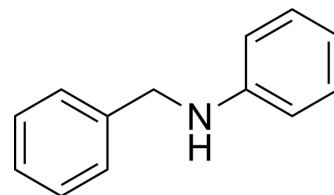


N-Benzylaniline

Cat. No.:	HY-W016321		
CAS No.:	103-32-2		
Molecular Formula:	C ₁₃ H ₁₃ N		
Molecular Weight:	183.25		
Target:	Others		
Pathway:	Others		
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 (545.70 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.4570 mL	27.2851 mL	54.5703 mL
		5 mM	1.0914 mL	5.4570 mL	10.9141 mL
10 mM		0.5457 mL	2.7285 mL	5.4570 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.64 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.64 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	N-Benzylaniline (N-Phenylbenzylamine) is an N-alkylated derivative of aniline. N-benzyl aniline also is a major metabolite of the antihistamine antazoline and other N-substituted benzyl anilines. N-Benzylaniline can be used for the research of various biochemical studies ^[1] .
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REFERENCES

[1]. R Betz, et al. N-Benzylaniline. Acta Cryst. (2011). E67, o1195

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

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