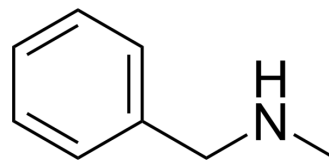


N-Methylbenzylamine

Cat. No.:	HY-W007426
CAS No.:	103-67-3
Molecular Formula:	C ₈ H ₁₁ N
Molecular Weight:	121.18
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (825.22 mM; Need ultrasonic)																					
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>8.2522 mL</td> <td>41.2609 mL</td> <td>82.5219 mL</td> </tr> <tr> <td>5 mM</td> <td>1.6504 mL</td> <td>8.2522 mL</td> <td>16.5044 mL</td> </tr> <tr> <td>10 mM</td> <td>0.8252 mL</td> <td>4.1261 mL</td> <td>8.2522 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM	8.2522 mL	41.2609 mL	82.5219 mL	5 mM	1.6504 mL	8.2522 mL	16.5044 mL	10 mM	0.8252 mL	4.1261 mL	8.2522 mL			
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Please refer to the solubility information to select the appropriate solvent.																						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution																					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution																					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (20.63 mM); Clear solution																					

BIOLOGICAL ACTIVITY

Description	N-methylbenzylamine is a member of phenylmethanamines. N-methylbenzylamine can be found in carrot, which makes N-methylbenzylamine a potential biomarker for the consumption of these food products ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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