



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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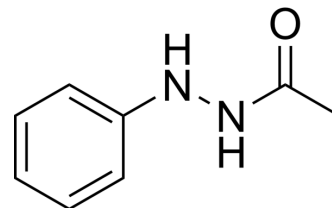
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## N'-Phenylacetohydrazide

<b>Cat. No.:</b>	HY-W017425		
<b>CAS No.:</b>	114-83-0		
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O		
<b>Molecular Weight:</b>	150.18		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 100 mg/mL (665.87 mM; Need ultrasonic)  
 DMSO : 100 mg/mL (665.87 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.6587 mL	33.2934 mL	66.5868 mL
	5 mM	1.3317 mL	6.6587 mL	13.3174 mL
	10 mM	0.6659 mL	3.3293 mL	6.6587 mL

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

#### In Vivo

- Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
 Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution
- Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline)  
 Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution
- Add each solvent one by one: 10% EtOH >> 90% corn oil  
 Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

N'-Phenylacetohydrazide consists of a phenyl group attached to the acetylhydrazide functional group via a hydrazine bond. This compound is commonly used as a reagent in organic chemistry for the determination of carbonyl compounds such as aldehydes and ketones.

#### In Vitro

N'-Phenylacetohydrazide is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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