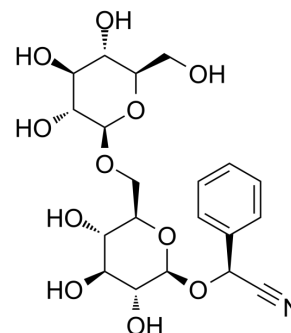


Neoamygdalin

Cat. No.:	HY-121376
CAS No.:	29883-16-7
Molecular Formula:	C ₂₀ H ₂₇ NO ₁₁
Molecular Weight:	457.43
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (218.61 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.1861 mL	10.9306 mL	21.8613 mL
		5 mM		0.4372 mL	2.1861 mL	4.3723 mL
		10 mM		0.2186 mL	1.0931 mL	2.1861 mL
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 (5.47 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.47 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.47 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Neoamygdalin is a compound identified in the different processed bitter almonds. Neoamygdalin has the potential for the research of cough and asthma ^[1] .
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REFERENCES

[1]. Xu S, et al. Identification and Analysis of Amygdalin, Neoamygdalin and Amygdalin Amide in Different Processed Bitter Almonds by HPLC-ESI-MS/MS and HPLC-DAD.

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

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