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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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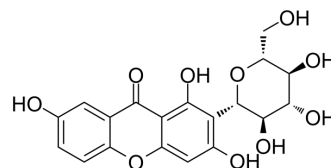
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Neolancerin

Cat. No.:	HY-N8088
CAS No.:	117221-65-5
Molecular Formula:	C ₁₉ H ₁₈ O ₁₀
Molecular Weight:	406.34
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 (246.10 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.4610 mL	12.3050 mL	24.6099 mL
		5 mM		0.4922 mL	2.4610 mL	4.9220 mL
	10 mM		0.2461 mL	1.2305 mL	2.4610 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.15 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Neolancerin is a natural product with weak cytotoxic activity against HL-60 cells ^[1] .
In Vitro	Neolancerin reduces the viability of HL-60 human promyelocytic leukemia cells significantly, with an IC ₅₀ values of 86.63 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wei Li, et al. of xanthones from adventitious roots of St. John's Wort (*Hypericum perforatum* L.) and their antioxidant and cytotoxic activities. *Food Science and Biotechnology* (2013), 22(4), 945-949.

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

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