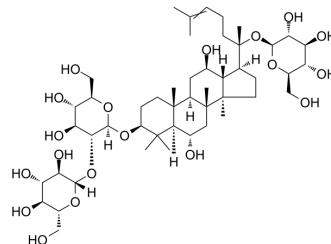


Vinaginsenoside R4

Cat. No.:	HY-N4265
CAS No.:	156009-80-2
Molecular Formula:	C ₄₈ H ₈₂ O ₁₉
Molecular Weight:	963.15
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 : 16.67 mg/mL (17.31 mM; ultrasonic and warming and heat to 80°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.0383 mL	5.1913 mL	10.3826 mL
	5 mM		0.2077 mL	1.0383 mL	2.0765 mL
	10 mM		0.1038 mL	0.5191 mL	1.0383 mL

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

BIOLOGICAL ACTIVITY

Description

Vinaginsenoside R4, isolated from the leaves of hydroponic Panax ginseng. It has an inhibitory effect on melanin biosynthesis without any cytotoxic effects on the melan-a cells, and enhances the depigmentation on the zebrafish^[1].

REFERENCES

[1]. Lee DY, et al. The potential of minor ginsenosides isolated from the leaves of Panax ginseng as inhibitors of melanogenesis. Int J Mol Sci. 2015 Jan 13;16(1):1677-90.

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

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