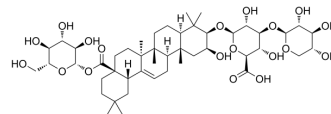


Celosin K

Cat. No.:	HY-N12277
CAS No.:	1950579-53-9
Molecular Formula:	C ₄₇ H ₇₄ O ₁₉
Molecular Weight:	943.08
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 9.4308 mg/mL (10.00 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0604 mL	5.3018 mL	10.6036 mL
	5 mM	0.2121 mL	1.0604 mL	2.1207 mL
	10 mM	0.1060 mL	0.5302 mL	1.0604 mL

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

BIOLOGICAL ACTIVITY

Description

Celosin K (compound 8) can be isolated from the seeds of Semen Celosiae. Celosin K is a potent inhibitor of neuron injury elicited by t-BHP. Celosin K inhibits oxidative stress and apoptosis, and acts of autophagy^[1].

REFERENCES

[1]. Jinggong Guo, et al. Chemical compounds with a neuroprotective effect from the seeds of Celosia argentea L. Food Funct. 2021, 12, 83-96.

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

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