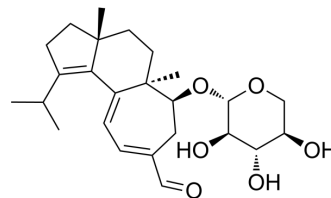


(+)-Erinacin A

Cat. No.:	HY-111954
CAS No.:	156101-08-5
Molecular Formula:	C ₂₅ H ₃₆ O ₆
Molecular Weight:	432.55
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 10 mg/mL (23.12 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3119 mL	11.5594 mL	23.1187 mL
	5 mM	0.4624 mL	2.3119 mL	4.6237 mL
	10 mM	0.2312 mL	1.1559 mL	2.3119 mL

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

BIOLOGICAL ACTIVITY

Description

(+)-Erinacin A is an anticancer compound that can be isolated from the mushroom *Herichium erinaceum*. (+)-Erinacin A has the capacity to trigger cancer cell death dependent on the production of reactive oxygen species (ROS). (+)-Erinacin A has anticancer and neuroprotective activity^[1].

REFERENCES

[1]. Bailly C, et.al. Erinacine A and related cyathane diterpenoids: Molecular diversity and mechanisms underlying their neuroprotection and anticancer activities. *Pharmacol Res.* 2020 Sep;159:104953.

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

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