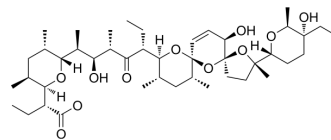


## Narasin

<b>Cat. No.:</b>	HY-121410
<b>CAS No.:</b>	55134-13-9
<b>Molecular Formula:</b>	C <sub>43</sub> H <sub>72</sub> O <sub>11</sub>
<b>Molecular Weight:</b>	765.03
<b>Target:</b>	Bacterial; Antibiotic; Parasite; NF-κB; Apoptosis
<b>Pathway:</b>	Anti-infection; NF-κB; Apoptosis
<b>Storage:</b>	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 12.5 mg/mL (16.34 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		1.3071 mL	6.5357 mL	13.0714 mL
	5 mM		0.2614 mL	1.3071 mL	2.6143 mL
	10 mM		0.1307 mL	0.6536 mL	1.3071 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Narasin is a cationic ionophore and coccidiostat agent. Narasin inhibits NF-κB signaling and induces tumor cells apoptosis. Narasin has antimicrobial and anticancer activity<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Coccidia

### REFERENCES

[1]. Ghada Bouguerra, et al. Stimulation of Eryptosis by Narasin. Cell Physiol Biochem. 2015;37(5):1807-16.

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

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