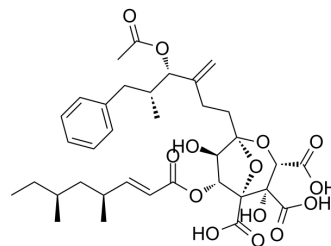


Zaragozic acid A

Cat. No.:	HY-116290
CAS No.:	142561-96-4
Molecular Formula:	C ₃₅ H ₄₆ O ₁₄
Molecular Weight:	690.73
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 1 mg/mL (1.45 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.4477 mL	7.2387 mL	14.4774 mL
	5 mM		---	---	---
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

Zaragozic acid A is a fungal metabolite that acts as a reversible competitive inhibitor of squalene synthase^[1].

REFERENCES

[1]. J D Bergstrom, et al. Zaragozic acids: a family of fungal metabolites that are picomolar competitive inhibitors of squalene synthase. Proc Natl Acad Sci U S A. 1993 Jan 1;90(1):80-4.

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

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