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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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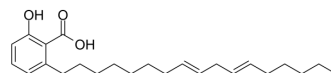
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(E/Z)-Ginkgolic acid C17:2

Cat. No.:	HY-N7961
CAS No.:	102811-39-2
Molecular Formula:	C ₂₄ H ₃₆ O ₃
Molecular Weight:	372.54
Target:	Dihydroorotate Dehydrogenase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (268.43 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	2.6843 mL	13.4214 mL	26.8428 mL
		5 mM	0.5369 mL	2.6843 mL	5.3686 mL
		10 mM	0.2684 mL	1.3421 mL	2.6843 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.71 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(E/Z)-Ginkgolic acid C17:2, isolated from Ginkgo biloba, can bind with human dihydroorotate dehydrogenase (DHODH) tightly ^[1] .
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REFERENCES

[1]. PanYu, et al. Identification of dihydroorotate dehydrogenase as a protein target of ginkgolic acid by molecular docking and dynamics. Journal of Molecular Structure Volume 1220, 15 November 2020, 128692.

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

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