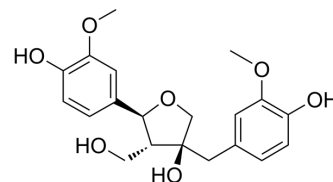


Olivil

Cat. No.:	HY-N3141
CAS No.:	2955-23-9
Molecular Formula:	C ₂₀ H ₂₄ O ₇
Molecular Weight:	376.4
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

DMSO : 66 mg/mL (175.35 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6567 mL	13.2837 mL	26.5675 mL
	5 mM	0.5313 mL	2.6567 mL	5.3135 mL
	10 mM	0.2657 mL	1.3284 mL	2.6567 mL

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

BIOLOGICAL ACTIVITY

Description

Olivil ((-)-Olivile) is a lignan that has weak DPPH radical-scavenging activity (EC₅₀: 176 μM)^[1].

REFERENCES

[1]. Pérez-Bonilla M, et al. Radical-scavenging compounds from olive tree (*Olea europaea* L.) wood. *J Agric Food Chem.* 2014 Jan 8;62(1):144-51.

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

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