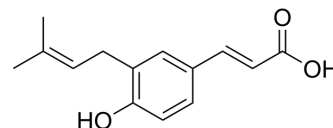


Drupanin

Cat. No.:	HY-N10361
CAS No.:	53755-58-1
Molecular Formula:	C ₁₄ H ₁₆ O ₃
Molecular Weight:	232.28
Target:	Others
Pathway:	Others
Storage:	<div> Powder -20°C 3 years </div> <div> 4°C 2 years </div> <div> In solvent -80°C 6 months </div> <div> -20°C 1 month </div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (430.51 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.3051 mL	21.5257 mL	43.0515 mL
	5 mM		0.8610 mL	4.3051 mL	8.6103 mL
	10 mM		0.4305 mL	2.1526 mL	4.3051 mL

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

BIOLOGICAL ACTIVITY

Description

Drupanin is a compound isolated from green propolis. Drupanin can selectively inhibit the AKR1C3 enzyme. Drupanin has the potential for the research of breast cancer^[1].

REFERENCES

[1]. Rodrigues DM, et al. Synthesis, antitumor activity and in silico analyses of amino acid derivatives of artemillin C, drupanin and baccharin from green propolis. Bioorg Med Chem. 2021;47:116372.

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

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