



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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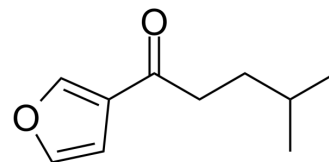
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Perilla ketone

Cat. No.:	HY-N9508
CAS No.:	553-84-4
Molecular Formula:	C ₁₀ H ₁₄ O ₂
Molecular Weight:	166.22
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (601.61 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.0161 mL	30.0806 mL	60.1612 mL
	5 mM	1.2032 mL	6.0161 mL	12.0322 mL
	10 mM	0.6016 mL	3.0081 mL	6.0161 mL

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

BIOLOGICAL ACTIVITY

Description

Perilla ketone is a naturally occurring xenobiotic compound. Perilla ketone is activated by pulmonary P450 cytochrome enzymes in the lung, resulting in severe pulmonary damage and development of diffuse pulmonary edema^[1].

REFERENCES

[1]. Alan R Doster, et al. Bovine atypical interstitial pneumonia. Vet Clin North Am Food Anim Pract. 2010 Jul;26(2):395-407.

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

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