



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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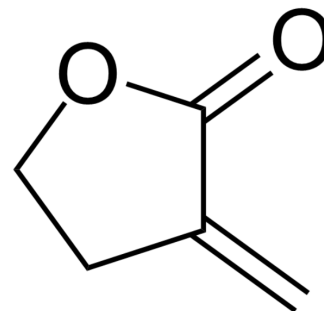
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Tulipalin A

Cat. No.:	HY-N7087
CAS No.:	547-65-9
Molecular Formula:	C ₅ H ₆ O ₂
Molecular Weight:	98.1
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°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 (1019.37 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	10.1937 mL	50.9684 mL	101.9368 mL
	5 mM	2.0387 mL	10.1937 mL	20.3874 mL
	10 mM	1.0194 mL	5.0968 mL	10.1937 mL

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

BIOLOGICAL ACTIVITY

Description

Tulipalin A (α-Methylene butyrolactone) is a glycoside. Tulipalin A is a causative allergen that induces Allergic contact dermatitides^[1]. Tulipalin A (α-Methylene butyrolactone) at low dose affects the functionality of immune cells, such as Jurkat T cells^[2].

REFERENCES

- [1]. Zwicker P, et al. A proteomic approach for the identification of immunotoxic properties of Tulipalin A. *Proteomics*. 2016 Dec;16(23):2997-3008.
- [2]. McCluskey J, et al. Tulipalin A induced phytotoxicity. *Int J Crit Illn Inj Sci*. 2014 Apr;4(2):181-3.

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

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