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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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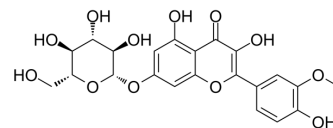
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Brassicin

Cat. No.:	HY-N8193
CAS No.:	6743-96-0
Molecular Formula:	C ₂₂ H ₂₂ O ₁₂
Molecular Weight:	478.4
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
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 : 66.67 mg/mL (139.36 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.0903 mL	10.4515 mL	20.9030 mL
		5 mM	0.4181 mL	2.0903 mL	4.1806 mL
		10 mM	0.2090 mL	1.0452 mL	2.0903 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 (5.23 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Brassicin, a natural Flavonoid, possesses radical scavenging activity ^[1] .
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REFERENCES

[1]. Jin-Gyeong Cho, et al. Flavonoids from the grains of C1/R-S transgenic rice, the transgenic *Oryza sativa* spp. japonica, and their radical scavenging activities. J Agric Food Chem. 2013 Oct 30;61(43):10354-9.

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

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