



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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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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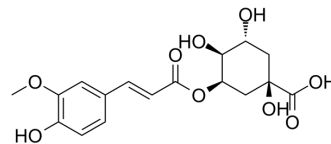
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5-Feruloylquinic acid

Cat. No.:	HY-N7929
CAS No.:	40242-06-6
Molecular Formula:	C ₁₇ H ₂₀ O ₉
Molecular Weight:	368.34
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°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 : 100 mg/mL (271.49 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7149 mL	13.5744 mL	27.1488 mL
5 mM	0.5430 mL	2.7149 mL	5.4298 mL
10 mM	0.2715 mL	1.3574 mL	2.7149 mL

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

BIOLOGICAL ACTIVITY

Description

5-Feruloylquinic acid (5-FQA) possesses antioxidative effects and tyrosinase inhibitory activities^[1].

REFERENCES

[1]. Kazuya Iwai, et al. In vitro antioxidative effects and tyrosinase inhibitory activities of seven hydroxycinnamoyl derivatives in green coffee beans. J Agric Food Chem. 2004 Jul 28;52(15):4893-8.

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

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