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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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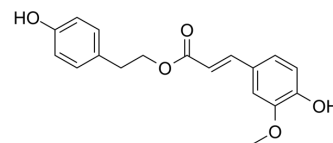
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p-Hydroxyphenethyl trans-ferulate

Cat. No.:	HY-N3078
CAS No.:	84873-15-4
Molecular Formula:	C ₁₈ H ₁₈ O ₅
Molecular Weight:	314.33
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
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 : 100 mg/mL (318.14 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.1814 mL	15.9069 mL	31.8137 mL
	5 mM		0.6363 mL	3.1814 mL	6.3627 mL
	10 mM		0.3181 mL	1.5907 mL	3.1814 mL

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

BIOLOGICAL ACTIVITY

Description

p-Hydroxyphenethyl trans-ferulate has anti-hyperglycemic, yeast α -glucosidase IC_{50} $19.24 \pm 1.73 \mu\text{mol L}^{-1}$, antioxidant, and anti-inflammatory activities^[1]. p-Hydroxyphenethyl trans-ferulate shows inhibiting cancer preve

REFERENCES

- [1]. Arciniegas A, et al. Anti-hyperglycemic, antioxidant, and anti-inflammatory activities of extracts and metabolites from *Sida acuta* and *Sida rhombifolia*[J]. *Química Nova*, 2017, 40(2).
- [2]. Park H Y, et al. Constituents of the Stem of *Angelica gigas* with Rat Lens Aldose Reductase Inhibitory Activity[J]. *Journal of the Korean Society for Applied Biological Chemistry*, 2011, 54(2):194-199.

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

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