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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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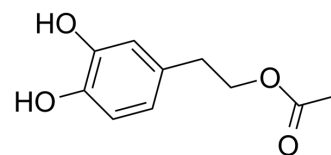
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Hydroxytyrosol acetate

Cat. No.:	HY-N6043
CAS No.:	69039-02-7
Molecular Formula:	C ₁₀ H ₁₂ O ₄
Molecular Weight:	196.2
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (1274.21 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.0968 mL	25.4842 mL	50.9684 mL
		5 mM		1.0194 mL	5.0968 mL	10.1937 mL
		10 mM		0.5097 mL	2.5484 mL	5.0968 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 6.25 mg/mL (31.86 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 6.25 mg/mL (31.86 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 6.25 mg/mL (31.86 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Hydroxytyrosol acetate is found in the olive oil with an antioxidant activity. Hydroxytyrosol acetate had a weaker DPPH radical scavenging activity than hydroxytyrosol ^[1] .
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REFERENCES

[1]. Gordon MH, et al. Antioxidant activity of hydroxytyrosol acetate compared with that of other olive oil polyphenols. J Agric Food Chem. 2001 May;49(5):2480-5.

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

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