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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

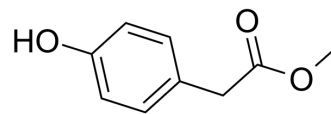
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Methyl 4-hydroxyphenylacetate

Cat. No.:	HY-W001084
CAS No.:	14199-15-6
Molecular Formula:	C ₉ H ₁₀ O ₃
Molecular Weight:	166.17
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (601.79 mM; Need ultrasonic)																								
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>6.0179 mL</td> <td>30.0897 mL</td> <td>60.1793 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>1.2036 mL</td> <td>6.0179 mL</td> <td>12.0359 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.6018 mL</td> <td>3.0090 mL</td> <td>6.0179 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		6.0179 mL	30.0897 mL	60.1793 mL	5 mM		1.2036 mL	6.0179 mL	12.0359 mL	10 mM		0.6018 mL	3.0090 mL	6.0179 mL			
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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: ≥ 2.5 mg/mL (15.04 mM); Clear solution																								
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (15.04 mM); Clear solution																								
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (15.04 mM); Clear solution																								

BIOLOGICAL ACTIVITY

Description	Methyl 4-hydroxyphenylacetate, a natural compound, is a methyl ester resulting from the formal condensation of the carboxy group of 4-Hydroxyphenylacetic acid with methanol ^[1] .
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REFERENCES

[1]. Rong-Qing Mei, et al. A new phenol derivative isolated from mangrove-derived fungus Eupenicillium sp. HJ002. Nat Prod Res. 2020 Jan 21;1-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA