



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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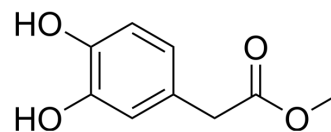
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Methyl 3,4-dihydroxyphenylacetate

Cat. No.:	HY-W016407
CAS No.:	25379-88-8
Molecular Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.17
Target:	Enterovirus
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 30 mg/mL (164.68 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.4894 mL	27.4469 mL	54.8938 mL
	5 mM		1.0979 mL	5.4894 mL	10.9788 mL
	10 mM		0.5489 mL	2.7447 mL	5.4894 mL

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

BIOLOGICAL ACTIVITY

Description

Methyl 3,4-dihydroxyphenylacetate is a potent enterovirus 71 (EV71) infection inhibitor. Methyl 3,4-dihydroxyphenylacetate inhibits EV71 replication in rhabdomyosarcoma (RD) cells^[1].

IC₅₀ & Target

EV71^[1]

REFERENCES

[1]. Zhang YQ, et al. [Methyl 3, 4-dihydroxyphenylacetate prevents enterovirus 71 proliferation in rhabdomyosarcoma cells]. Yao Xue Xue Bao. 2012 Sep;47(9):1257-60. Chinese.

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

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