



# 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

### SZABO-SCANDIC HandelsgmbH

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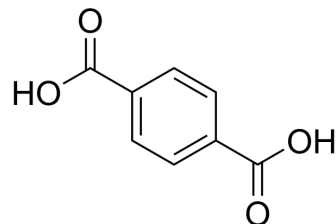
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## Terephthalic acid (Standard)

<b>Cat. No.:</b>	HY-W010098R
<b>CAS No.:</b>	100-21-0
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	166.13
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 20 mg/mL (120.39 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.0194 mL	30.0969 mL	60.1938 mL
	5 mM	1.2039 mL	6.0194 mL	12.0388 mL
	10 mM	0.6019 mL	3.0097 mL	6.0194 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Terephthalic acid (Standard) is the analytical standard of Terephthalic acid. This product is intended for research and analytical applications. Terephthalic acid is one isomer of the three phthalic, a precursor to the polyester PET, used to make clothing and plastic bottles<sup>[1]</sup>.

#### In Vivo

Terephthalic acid can be used in animal modeling to construct mouse tumor models.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Heck HD, et al. The induction of bladder stones by terephthalic acid, dimethyl terephthalate, and melamine (2,4,6-triamino-s-triazine) and its relevance to risk assessment. Regul Toxicol Pharmacol. 1985 Sep;5(3):294-313.

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

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