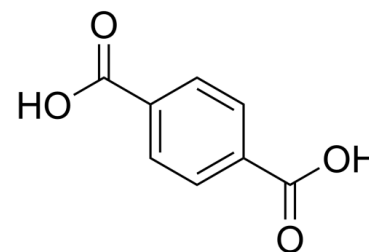


Data Sheet

Product Name:	Terephthalic acid
Cat. No.:	CS-W010814
CAS No.:	100-21-0
Molecular Formula:	C ₈ H ₆ O ₄
Molecular Weight:	166.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 20 mg/mL (120.39 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Terephthalic acid is one isomer of the three phthalic, a precursor to the polyester PET, used to make clothing and plastic bottles.

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.

CAIndexNames:

1,4-Benzenedicarboxylic acid

SMILES:

O=C(O)C1=CC=C(C(=O)O)C=C1

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

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