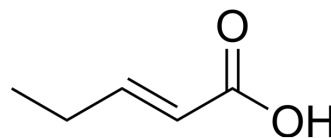


## trans-2-Pentenoic acid

Cat. No.:	HY-W061674		
CAS No.:	13991-37-2		
Molecular Formula:	C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>		
Molecular Weight:	100.12		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(2E)-Pent-2-enoic acid is an unsaturated carboxylic acid, it is also known as 2-pentenoic acid or crotonic acid, the "2E" designation indicates that the molecule has a trans double bond configuration, where the double bond The two carbon atoms on both sides are located on opposite sides, (2E)-Pent-2-enoic acid has a pungent odor, is miscible with water and most organic solvents, it is commonly used in organic synthesis as a variety of chemical reactions, including esterification, oxidation, and reduction, and in addition, its potential use as a flavoring agent in the food industry was investigated.

#### In Vitro

(2E)-pent-2-enoic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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

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