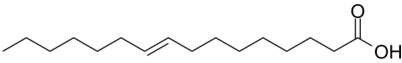


Data Sheet

Product Information

Catalog Number	BP14085
Product Name	Palmitelaidic Acid
Description	Palmitelaidic Acid is one of the most abundant fatty acids in serum and tissue.
In vivo	palmitoleic acid down-regulated mRNA expressions of proinflammatory adipocytokine genes (TNF α and resistin) in white adipose tissue and lipogenic genes (SREBP-1, FAS, and SCD-1) in liver.
Synonyms	9-trans-Hexadecenoic acid, trans-Palmitoleic acid
CAS No.	10030-73-6
Chemical Formula	C16H30O2
Molecular Weight	254.414
Solubility	Ethanol: 100 mg/mL (393.07 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure OR Tested Image	 The chemical structure is a long-chain fatty acid derivative. It features a carboxylic acid group (COOH) at the right end, followed by a methylene group, and then a double bond (unsaturation) at the 11th carbon from the carboxyl group. The chain continues with several more methylene groups to the left. The SMILES representation is <chem>CCCCC/C=C\CCCCCCCC(=O)O</chem>.
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