


Product datasheet

n-Valeric acid (n-Pentanoic acid), short chain fatty acid ab145166

1 Image

Overview

Product name	n-Valeric acid (n-Pentanoic acid), short chain fatty acid
Description	Short chain fatty acid
Biological description	Short chain fatty acid. Stimulates protein biosynthesis. Reduces lactate output and increases resting tension in cardiac tissue. Induces Epstein-Barr virus-associated early antigen and viral capsid antigen in EBV-carrying human lymphoblastoid cells. Energy source <i>in vivo</i> . Orally active.
CAS Number	109-52-4
Chemical structure	

Properties

Chemical name	Pentanoic acid
Molecular weight	102.13
Molecular formula	C ₅ H ₁₀ O ₂
PubChem identifier	7991
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CCCCC(=O)O
Source	<i>Valeriana officinalis</i>

Images



Chemical Structure - n-Valeric acid (n-Pentanoic acid), short chain fatty acid (ab145166)

2D chemical structure image of ab145166, n-Valeric acid (n-Pentanoic acid), short chain fatty acid

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