

## (±)-3-Methyl-2-oxovaleric acid sodium salt

Cat. No. CSUB-0630

Lot. No. (See product label)

### Introduction

#### Description

(±)-3-Methyl-2-oxovaleric acid sodium salt is a racemic mixture of 3-methyl-2-oxovaleric acid. It is a substrate of  $\alpha$ -keto acid dehydrogenases and can be used to study their specificity, distribution, and kinetics. This can also be used to study as a reactive oxygen scavenger.

#### Applications

A substrate of  $\alpha$ -keto acid dehydrogenases

#### Synonyms

(±)-Sodium 3-methyl-2-oxovalerate; 3-Methyl-2-oxopentanoic acid sodium salt

### Product Information

#### Form

Solid

#### CAS No.

3715-31-9

#### Molecular Formula

C<sub>6</sub>H<sub>9</sub>NaO<sub>3</sub>

#### Molecular Weight

152.12

#### Melting Point

196° C

#### Substrates

Acetolactate decarboxylase

### Storage and Shipping Information

#### Storage

Store at 4° C