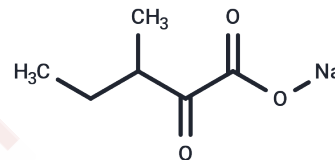


## 3-Methyl-2-oxovaleric acid sodium

## Chemical Properties

CAS No. :	3715-31-9
Formula:	C <sub>6</sub> H <sub>9</sub> NaO <sub>3</sub>
Molecular Weight:	152.1236
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	3-Methyl-2-oxovaleric acid sodium is a degradation product of isoleucine. It serves as a biomarker for mustard airway disease (MAD) and uric acid stones.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5738 mL	32.8688 mL	65.7376 mL
5 mM	1.3148 mL	6.5738 mL	13.1475 mL
10 mM	0.6574 mL	3.2869 mL	6.5738 mL
50 mM	0.1315 mL	0.6574 mL	1.3148 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481