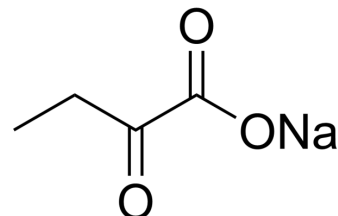


Sodium 2-oxobutanoate

Cat. No.:	HY-W005355
CAS No.:	2013-26-5
Molecular Formula:	C ₄ H ₅ NaO ₃
Molecular Weight:	124.07
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (806.00 mM)
DMSO : 25 mg/mL (201.50 mM; ultrasonic and warming and heat to 60°C)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		8.0600 mL	40.2998 mL	80.5997 mL
	5 mM		1.6120 mL	8.0600 mL	16.1199 mL
	10 mM		0.8060 mL	4.0300 mL	8.0600 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sodium 2-oxobutanoate is an organic compound commonly used as a food additive and industrial raw material. It can be used as an acidity regulator, leavening agent and preservative, and is often used in the fields of bread, baked goods and canning. In addition, the compound is used in the production of certain industrial products, such as in plastics, textiles and dyes.

In Vitro

Sodium 2-oxobutanoate 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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