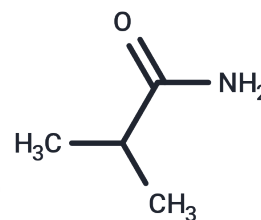


## Isobutyramide

## Chemical Properties

CAS No. : 563-83-7  
 Formula: C<sub>4</sub>H<sub>9</sub>NO  
 Molecular Weight: 87.12  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Isobutyramide is an amide widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.4784 mL	57.3921 mL	114.7842 mL
5 mM	2.2957 mL	11.4784 mL	22.9568 mL
10 mM	1.1478 mL	5.7392 mL	11.4784 mL
50 mM	0.2296 mL	1.1478 mL	2.2957 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.

## Reference

Perrine SP, et al. Isobutyramide, an orally bioavailable butyrate analogue, stimulates fetal globin gene expression in vitro and in vivo. Br J Haematol. 1994 Nov;88(3):555-61.

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