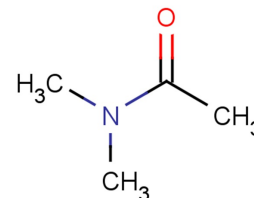


N,N-Dimethylacetamide

Chemical Properties

CAS No.:	127-19-5
Formula:	C ₄ H ₉ NO
Molecular Weight:	87.12
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	N,N-Dimethylacetamide is an inexpensive, common aprotic organic solvent.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.478 mL	57.392 mL	114.784 mL
5 mM	2.296 mL	11.478 mL	22.957 mL
10 mM	1.148 mL	5.739 mL	11.478 mL
50 mM	0.23 mL	1.148 mL	2.296 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Sundaram S, et al. N,N-dimethylacetamide regulates the proinflammatory response associated with endotoxin and prevents preterm birth. *Am J Pathol.* 2013 Aug;183(2):422-30.

Inhibitors · Natural Compounds · Compound Libraries

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