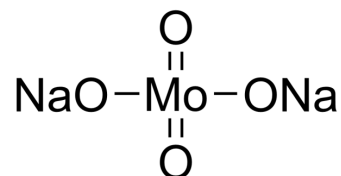


## Sodium molybdate

Cat. No.:	HY-D0851
CAS No.:	7631-95-0
Molecular Formula:	MoNa <sub>2</sub> O <sub>4</sub>
Molecular Weight:	205.94
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 50 mg/mL (242.79 mM); Need ultrasonic					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	4.8558 mL	24.2789 mL	48.5578 mL
			5 mM	0.9712 mL	4.8558 mL	9.7116 mL
	10 mM	0.4856 mL	2.4279 mL	4.8558 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (485.58 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

Description	Sodium molybdate (Molybdate disodium) is a useful source of molybdate. It is often found as Sodium molybdate dihydrate. In murine models, Sodium molybdate dihydrate inactivated both the active and inactive form of the gluco corticoid receptor complex. With the use of nitrites, molybdate salts have been shown to reduce the emission of hydrogen sulfide from swine manure.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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