
Product Data Sheet

Product Name: Sodium molybdate

Cat. No.: GC16396

Chemical Properties

Cas. No. 7631-95-0

Chemical Name sodium molybdate

SMILES [O-][Mo](=O)([O-])=O.[Na+].[Na+]Formula MoNa_2O_4 M.Wt 205.94Solubility $\geq 20.6\text{mg/mL}$ in Water Storage Store at 4°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Sodium molybdate 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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