

## Sodium orthovanadate

Catalog No: #S2189

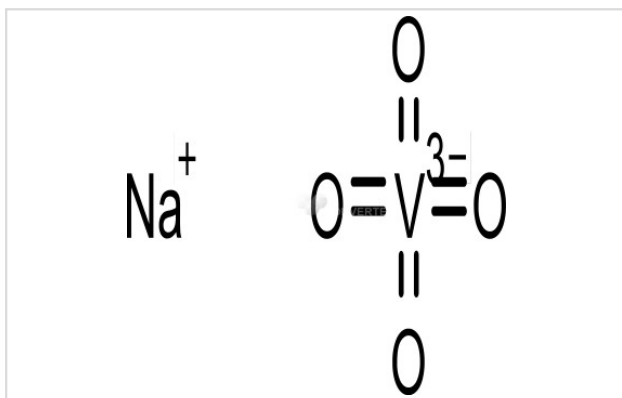
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## Description

Product Name	Sodium orthovanadate
Brief Description	Inhibitors
Purification	96.00%
Target Name	ATPase inhibitor; Phosphatase inhibitor
Calculated MW	183.9
Formulation	Na <sub>3</sub> O <sub>4</sub> V
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Metabolism system  
 SMILES: [Na+].O=[V-3](=O)(=O)=O  
 Pathways: Membrane transporter/Ion channel; Others Receptor: (Na,K)-ATPase; Phosphatase  
 Boiling pt: Melting pt: 850-866°C  
 Solubility: Water: 37 mg/mL (201.18 mM)  
 Appearance: White Crystal  
 Remark: 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 month.

## References

1. Wu Y, et al. Acta Pharmacol Sin, 2005, 26(3), 345-352.
2. Cantley LC Jr, et al. J Biol Chem, 1977, 252(21), 7421-7423.

Note: This product is for in vitro research use only