

# [Sodium orthovanadate na3o4v structure](https://assignbuster.com/sodium-orthovanadate-na3o4v-structure/)

Contents

* Bio Activity:

|  |  |
| --- | --- |
| Molecular Formula  | Na 3 O 4 V  |
| Average mass  | 183. 908 Da  |
| Density  |  |
| Boiling Point  |  |
| Flash Point  |  |
| Molar Refractivity  |  |
| Polarizability  |  |
| Surface Tension  |  |
| Molar Volume  |  |

* Experimental data
* Predicted – ACD/Labs
* Predicted – ChemAxon
* Experimental Physico-chemical Properties

## Experimental Melting Point:

|  |
| --- |
| 850-866 °CAlfa Aesar  |
| 850-866 °CAlfa Aesar81104  |

## Experimental Solubility:

|  |
| --- |
| Soluble to 100 mM in waterTocris Bioscience2821  |

* Miscellaneous

## Safety:

|  |
| --- |
| 20/22-36/37/38Alfa Aesar81104  |
| 26-36/37Alfa Aesar81104  |
| DANGER: POISON, teratogen, mutagen, GI/liver/kidney damageAlfa Aesar81104  |

## Target Organs:

|  |
| --- |
| ATPase inhibitorTargetMolT2189  |

## Bio Activity:

|  |
| --- |
| (Na, K)-ATPaseTargetMolT2189  |
| EnzymesTocris Bioscience2821  |
| Inhibitor of protein tyrosine phosphatases, alkaline phosphatases and ATPases. Suppresses p53-mediated apoptosis by transcription-dependent and -independent pathways. Tocris Bioscience2821  |
| Membrane Transporter/Ion ChannelTargetMolT2189  |
| PhosphatasesTocris Bioscience2821  |
| Protein tyrosine phosphatase inhibitorTocris Bioscience2821  |
| Protein Tyrosine PhosphatasesTocris Bioscience2821  |

Predicted data is generated using the ACD/Labs Percepta Platform – PhysChem Module

No predicted properties have been calculated for this compound.