

# [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:

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| --- |
| (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.