

# [Calcium chloride hydrate h4cacl2o2 structure](https://assignbuster.com/calcium-chloride-hydrate-h4cacl2o2-structure/)

Contents

* Bio Activity:

|  |  |
| --- | --- |
| Molecular Formula | H 4 CaCl 2 O 2 |
| Average mass | 147. 015 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:

|  |
| --- |
| 176 °CLabNetworkLN00193342 |

## Experimental Gravity:

|  |
| --- |
| 0. 835 g/mLAlfa Aesar12312, 33296 |

## Experimental Solubility:

|  |
| --- |
| Soluble to 1000 mM in waterTocris Bioscience3148 |

* Miscellaneous

## Safety:

|  |
| --- |
| 22-24Alfa Aesar12312, 33296 |
| 36Alfa Aesar12312, 33296 |
| WARNING: Causes GI injury, skin and eye irritationAlfa Aesar12312, 33296 |

## Bio Activity:

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| --- |
| Commonly used laboratory reagentTocris Bioscience3148 |

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

No predicted properties have been calculated for this compound.

|  |  |
| --- | --- |
| Density: |  |
| Boiling Point: |  |
| Vapour Pressure: |  |
| Enthalpy of Vaporization: |  |
| Flash Point: |  |
| Index of Refraction: |  |
| Molar Refractivity: |  |
| #H bond acceptors: |  |
| #H bond donors: |  |
| #Freely Rotating Bonds: |  |
| #Rule of 5 Violations: |  |

|  |  |
| --- | --- |
| ACD/LogP: |  |
| ACD/LogD (pH 5. 5): |  |
| ACD/BCF (pH 5. 5): |  |
| ACD/KOC (pH 5. 5): |  |
| ACD/LogD (pH 7. 4): |  |
| ACD/BCF (pH 7. 4): |  |
| ACD/KOC (pH 7. 4): |  |
| Polar Surface Area: |  |
| Polarizability: |  |
| Surface Tension: |  |
| Molar Volume: |  |

Click to predict properties on the Chemicalize site