

# [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:

|  |
| --- |
| 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