

# [Barium chromate bacro4 structure](https://assignbuster.com/barium-chromate-bacro4-structure/)

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* Safety:

|  |  |
| --- | --- |
| Molecular Formula  | BaCrO 4  |
| Average mass  | 253. 321 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:

|  |
| --- |
| 210 °CLabNetworkLN00194427  |

## Experimental Gravity:

|  |
| --- |
| 4. 5 g/mLAlfa Aesar11124, 14669  |

## Experimental Solubility:

|  |
| --- |
| Insoluble in water, acetic acid, chromic acidAlfa Aesar14669  |

* Miscellaneous

## Appearance:

|  |
| --- |
| yellow powderOxford University Chemical Safety Data (No longer updated)More details  |

## Stability:

|  |
| --- |
| Stable. Oxidizer. May react vigorously with reducing agents. Oxford University Chemical Safety Data (No longer updated)More details  |

## Safety:

|  |
| --- |
| 49-8-20/22-43-50/53Alfa Aesar11124, 14669  |
| 53-45-60-61Alfa Aesar11124, 14669  |
| DANGER: Cancer risk, burns skin, eyes, nose, throat & lungsAlfa Aesar11124, 14669  |
| Safety glasses, gloves, good ventilation. Handle as a carcinogen. Take care to avoid inhalation of dust. Oxford University Chemical Safety Data (No longer updated)More details  |

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