Barium chromate bacro4 structure

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Contents

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