Dicalcium phosphate dihydrate h5cao6p structure

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Contents

- Safety:

Molecular Formula	H_5CaO_6P
Average mass	172.088 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:**

  109 °CAlfa Aesar

  109 °CAlfa

  Aesar40233

- **Experimental Gravity:**

  2. 306

  g/mLAlfa

  Aesar4023

  3

- **Experimental Solubility:**

  Slightly

  soluble in

  water.

Soluble in dilute hydrochloric, nitric, and acetic acid. Insoluble in alcoholAlfa Aesar40233

- Miscellaneous
  - **Appearance:** white crystalline solidOxford University Chemical Safety Data (No longer updated)More details

- **Stability:**

  Stable.

  Incompatib

  le with

  acids.

  Oxford

  University

  Chemical

  Safety

  Data (No

  longer

  updated)M

  ore details

- **Safety:**

  CAUTION:

  Dust may

  irritate

  eyes and

  respiratory

  tractAlfa

  Aesar4023

  3

  CAUTION:

  May

	irritate eyes, skin, and respiratory tractAlfa Aesar40233
	Minimize contact. Oxford University Chemical Safety Data (No longer updated)More details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