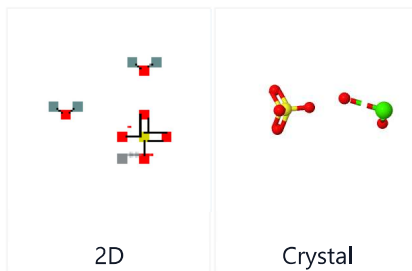


COMPOUND SUMMARY

Calcium Sulfate Dihydrate

PubChem CID 24928

Structure



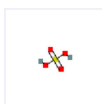
Chemical Safety



Irritant

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)Molecular Formula $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
 $\text{CaH}_4\text{O}_6\text{S}$ Synonyms Calcium sulfate dihydrate
10101-41-4
Phosphogypsum
Satinite
Light spar[View More...](#)Molecular Weight 172.17 g/mol
Computed by PubChem 2.2 (PubChem release 2021.10.14)

Component Compounds

[CID 1118 \(Sulfuric Acid\)](#)[CID 5460341 \(Calcium\)](#)



CID 962 (Water)

Dates

Create: 2005-08-08
Modify: 2024-05-25

Description

Calcium sulfate dihydrate is a **calcium** salt and a **hydrate**. It contains a **calcium sulfate**.

▶ [ChEBI](#)

A calcium salt that is used for a variety of purposes including: building materials, as a desiccant, in dentistry as an impression material, cast, or die, and in medicine for immobilizing casts and as a tablet excipient. It exists in various forms and states of hydration. Plaster of Paris is a mixture of powdered and heat-treated gypsum.

▶ [Medical Subject Headings \(MeSH\)](#)

Contents

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11 Toxicity



12 Literature

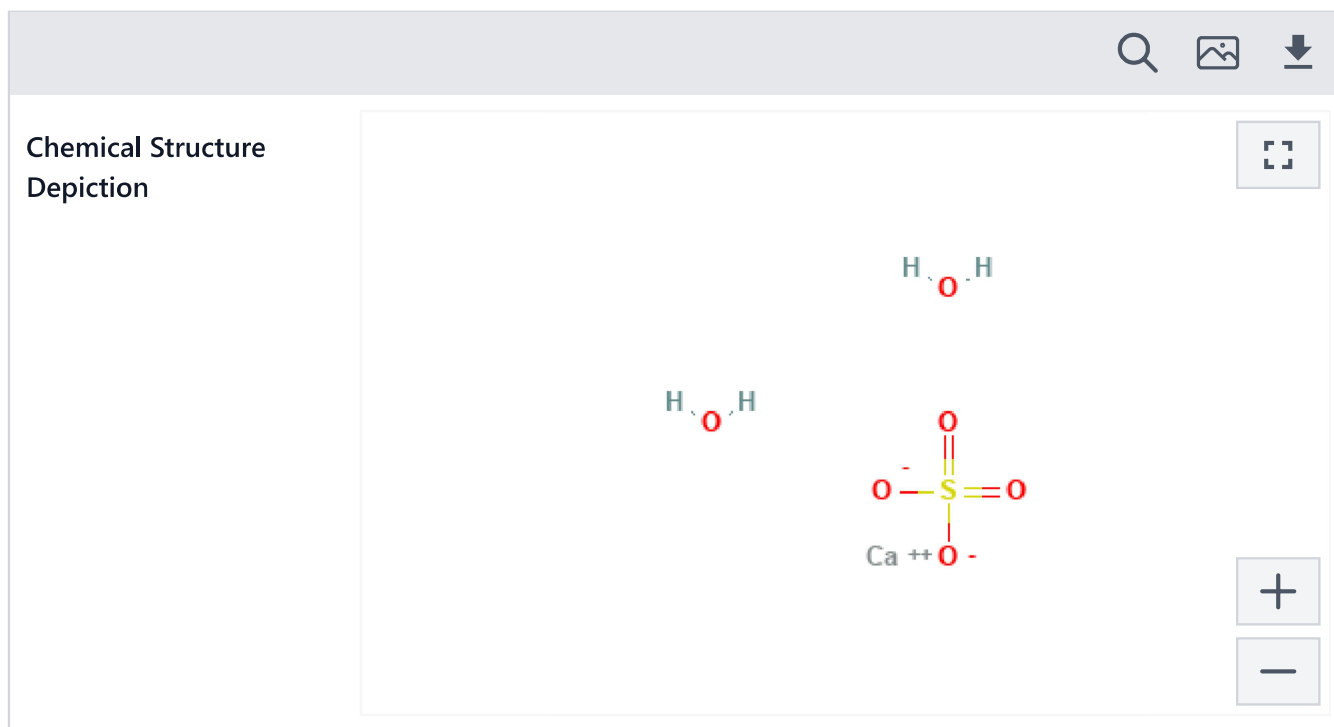


[13 Patents](#)[14 Classification](#)[15 Information Sources](#)

1 Structures



1.1 2D Structure

[▶ PubChem](#)

1.2 3D Status



Conformer generation is disallowed since MMFF94s unsupported element, mixture or salt

[▶ PubChem](#)

1.3 Crystal Structures



1 of 2

[View All](#)