

# Calcium sulfate

<b>Other names:</b>	calcium sulfate dihydrate gypsum
<b>Inchi:</b>	InChI=1S/Ca.H2O4S.2H2O/c;1-5(2,3)4;;/h;(H2,1,2,3,4);2*1H2/q+2;;;/p-2
<b>InchiKey:</b>	PASHVRUKOFIRIK-UHFFFAOYSA-L
<b>Formula:</b>	CaH4O6S
<b>SMILES:</b>	O.O.O=S1(=O)O[Ca]O1
<b>Mol. weight [g/mol]:</b>	172.17

## Sources

**Effects of Na, Ca, Mg, and Al Chloride Salts on Dissolution and Phase Stability of Calcium Sulfate Dihydrate in Aqueous Solutions at 278.15 K to 308.15 K** <https://www.doi.org/10.1021/acs.jced.5b00005>  
**Measurement and modelling of solubility for calcium sulfate dihydrate and calcium hydroxide in NaOH/KOH solutions :** <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6004671&Units=SI>  
<https://www.doi.org/10.1016/j.fluid.2010.06.012>

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