

# Morphine, hydrochloride (trihydrate)

**Inchi:** InChI=1S/C17H19NO3.ClH.3H2O/c1-18-7-6-17-10-3-5-13(20)16(17)21-15-12(19)4-2-9(1)  
**InchiKey:** XELXKCKNPPSFNN-UHFFFAOYSA-N  
**Formula:** C17H26ClNO6  
**SMILES:** CN1CCC23c4c5ccc(O)c4OC2C(O)C=CC3C1C5.Cl.O.O.O  
**Mol. weight [g/mol]:** 375.84

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6005008&Units=SI>

Latest version available from:

<https://www.cheméo.com/cid/116-546-7/Morphine-hydrochloride-trihydrate.pdf>

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