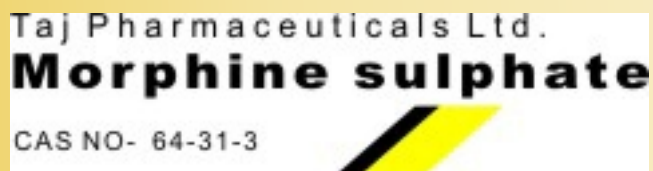


Morphine sulphate (Cas No 64-31-3)



Morphine sulphate

Chemical data

Formula C₁₇H₁₉NO₃

Mol. mass 285.34

Pharmacokinetic data

Bioavailability ~25% (oral); 100% (IV);

Protein binding 30–40%

Metabolism Hepatic 90%

Half life 2–3 h

Excretion Renal 90%, biliary 10%

