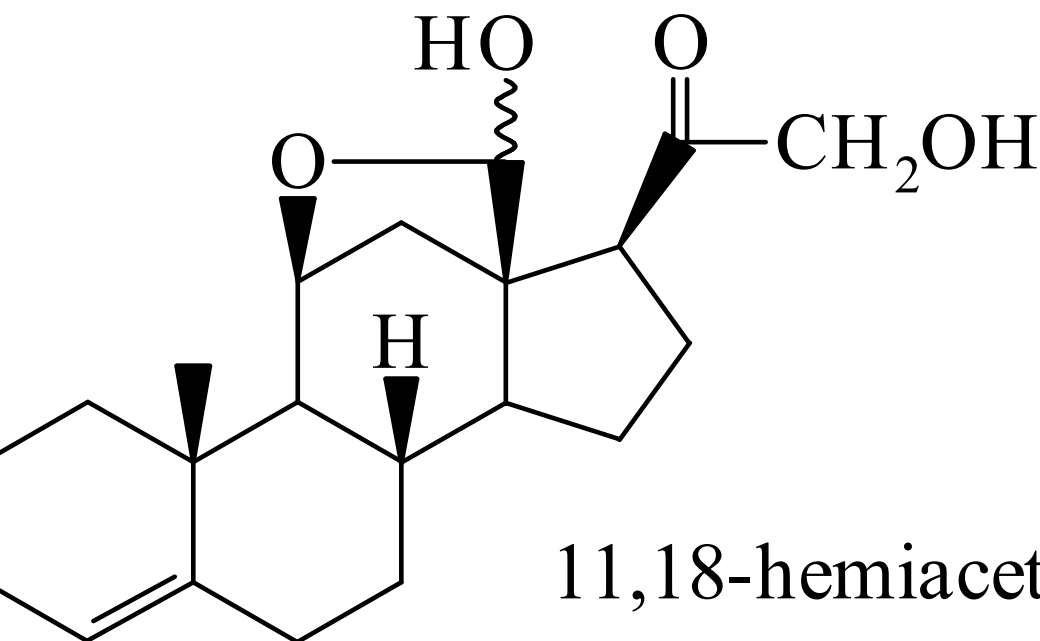


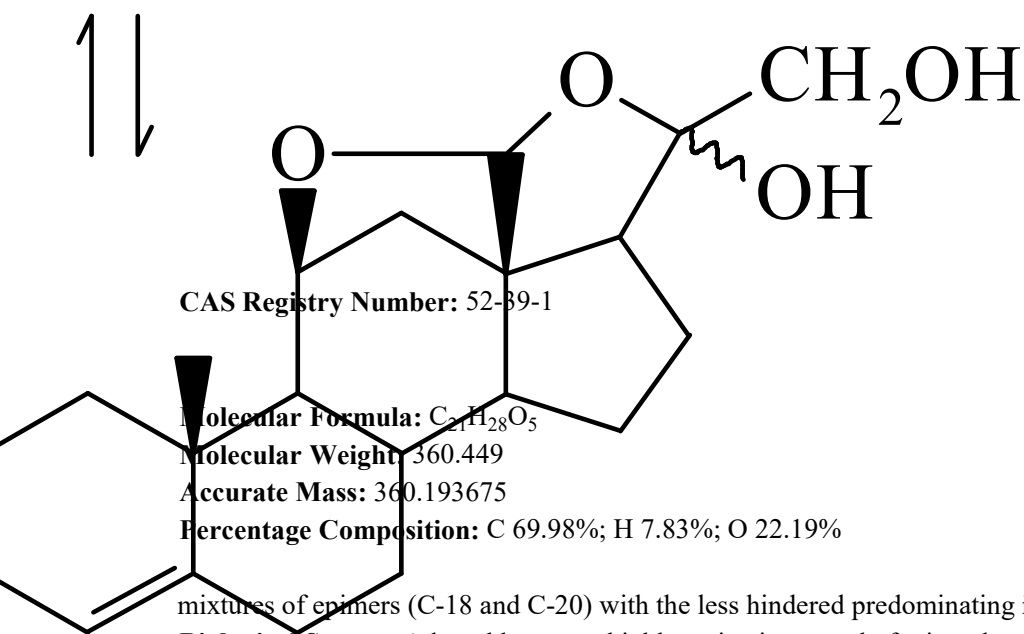


>>Entry Name: Aldosterone, BAN, INN

Synonym(s): 11 β ,21-Dihydroxy-3,20-dioxopregn-4-en-18-al. 11 β ,21-Dihydroxypregn-4-ene-3,18,20-trione. Aldocorten. Electro cortin. Oxocorticosterone. Reichstein's substance X



11,18-hemiacetal-20-oxo-*form*



CAS Registry Number: 52-89-1

Molecular Formula: C₂₇H₂₈O₅

Molecular Weight: 360.449

Accurate Mass: 360.193675

Percentage Composition: C 69.98%; H 7.83%; O 22.19%

mixtures of epimers (C-18 and C-20) with the less hindered predominating in each case (18*S* and 20*S* respectively)

Biological Source: Adrenal hormone highly active in control of mineral metabolism

Use/Importance: Used in association with a glucocorticoid in treatment of adrenocortical insufficiency

Physical Description: Cryst. (AcOH)

Melting Point: Mp 164-169°

Optical Rotation: [α]

al-*f*