



Melting Point: Mp 192-194°

>>**Derivative:** 21-Ac

CAS Registry Number: 1625-11-2

Molecular Formula: C₂₄H₃₄O₆

Molecular Weight: 418.529

Accurate Mass: 418.23554

Percentage Composition: C 68.88%; H 8.19%; O 22.94%

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 213-214°

Optical Rotation: [α]_D +128 (c, 1 in CHCl₃)

>>**Derivative:** 21-Ac, 17-butanoyl

>>**Variant:** (6 β ,11 β)-form

Synonym(s): 6 β -Methylhydrocortisone. 17-Hydroxy-6 β -methylcorticosterone

CAS Registry Number: 80944-41-8

Molecular Formula: C₂₂H₃₂O₅

Molecular Weight: 376.492

Accurate Mass: 376.224975

Percentage Composition: C 70.19%; H 8.57%; O 21.25%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 223-227°

Optical Rotation: [α]_D +105 (Me₂CO)

References:

U.S. Pat., 1959, 2 897 217; *CA*, **54**, 1626g, (*synth*)

U.S. Pat., 1962, 3 031 476; *CA*, **57**, 9928b, (*synth*)

U.S. Pat., 1965, 3 203 869; *CA*, **64**, 8897h, (*synth*, 6 α ,11 α -form)

U.S. Pat., 1966, 3 280 155; *CA*, **66**, 38169n, (*synth*, 6 α ,11 β -form)

Eur. Pat., 1984, 156 643; *CA*, **105**, 115284z, (*synth*, 6 α ,11 α -form)