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## Typical Product Specifications & Properties

# Cortisone-Acetate

CAS Number: : 50-4-4

Specifications	Limits
Molecular weight	282.55
Molecular weight	372.50
EINECS	200-275-9
SMILES	<chem>C1[C@H]2[C@H]3[C@@H]([C@@]4(C(=CC(=O)CC4)CC3)C)CC[C@@]2([C@H](C(COC(C)=O)=O)C1)C</chem>
InChI	1S/C23H32O4/c1-14(24)27-13-21(26)20-7-6-18-17-5-4-15-12-16(25)8-10-22(15,2)19(17)9-11-23(18,20)3/h12,17-20H,4-11,13H2,1-3H3/t17-,18-,19-,20+,22-,23-/m1/s1
InChIKey	VPGRYOFKCNULNK-LCDLLCBDSA-N
Melting Point	157 &deg; C
Water solubility	8.73 mg/L
log P (octanol-water)	3.08
Atmospheric OH Rate Constant	1.05E-10 cm <sup>3</sup> /molecule-sec
Vapor Pressure	1.32E-08 mm Hg
Henry's Law Constant	1.09E-09 atm-m <sup>3</sup> /mole



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Specifications	Limits
Refractive Index	1.75 &deg; (C=1, Dioxane)
Storage Temperature	Refrigerator
Merck	2901
Solubility	H2O: insoluble
Melting Point	157&deg;C
Molecular weight	372.50
EINECS	200-275-9
SMILES	<chem>C1[C@H]2[C@H]3[C@@H]([C@@]4(C(=CC(=O)CC4)CC3)C)CC[C@@]2([C@H](C(COC(C)=O)=O)C1)C</chem>
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Specifications	Limits
log P (octanol-water)	3.08
Atmospheric OH Rate Constant	1.05E-10 cm <sup>3</sup> /molecule-sec
Vapor Pressure	1.32E-08 mm Hg
Henry's Law Constant	1.09E-09 atm-m <sup>3</sup> /mole
Refractive Index	175 °; (C=1, Dioxane)
Storage Temperature	Refrigerator
Merck	2901
Solubility	H <sub>2</sub> O: insoluble
Melting Point	157°;C



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