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Typical Product Specifications & Properties

Testosterone

CAS Number: : 58-22-0

Specifications	Limits
Molecular weight	288.42
EINECS	200-370-5
InChI	1S/C19H28O2/c1-18-9-7-13(20)11-12(18)3-4-14-15-5-6-17(21)19(15,2)10-8-16(14)18/h11,14-17,21H,3-10H2,1-2H3/t14?,15?,16?,17-,18?,19?/m1/s1
InChIKey	MUMGGOZAMZWBJJ-JZJKZLICSA-N
Melting Point	155 ° C
Vapor Pressure	2.23E-08 mm Hg
Henry's Law Constant	3.53E-09 atm-m3/mole
Water solubility	23.4 mg/L
Atmospheric OH Rate Constant	1.07E-10 cm3/molecule-sec
log P (octanol-water)	3.32
Alpha	101 ° (c=1, dioxane 25 °C)
Flash Point	5 °C



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Specifications	Limits
Storage Temperature	2-8°C
Solubility	45% (w/v) aq 2-hydroxypropyl-β-cyclodextrin: soluble18.2 mg/ml
Melting Point	152-156 °C
Merck	13,9255
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Solubility	45% (w/v) aq 2-hydroxypropyl-β-cyclodextrin: soluble18.2 mg/ml
Solubility	45% (w/v) aq 2-hydroxypropyl-β-cyclodextrin: soluble18.2 mg/ml



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