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Typical Product Specifications & Properties

Hydrocortisone-17-Valerate

CAS Number: : 57524-89-7

Specifications	Limits
Molecular weight	446.58
EINECS	260-786-8
SMILES	<chem>[C@]1([C@@]2([C@@H](CC1)[C@H]1[C@H]([C@H](C2)O)[C@@]2(C(=CC(=O)CC2)CC1)C)C)(OC(=O)CCCC)C(=O)CO</chem>
InChI	FZCHYNWYXKICIO-FZNHGJLXSA-N
InChIKey	1S/C26H38O6/c1-4-5-6-22(31)32-26(21(30)15-27)12-10-19-18-8-7-16-13-17(28)9-11-24(16,2)23(18)20(29)14-25(19,26)3/h13,18-20,23,27,29H,4-12,14-15H2,1-3H3/t18-,19-,20-,23+,24-,25-,26-/m0/s1
Water solubility	0.908 mg/L
Henry's Law Constant	1.46E-11 atm-m ³ /mole
log P (octanol-water)	3.79
Atmospheric OH Rate Constant	1.17E-10 cm ³ /molecule-sec
Melting Point	217-220 °C
Vapor Pressure	5.62E-15 mm Hg



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