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Typical Product Specifications & Properties

Buprenorphine

CAS Number: : 52485-79-7

Specifications	Limits
Molecular weight	467.64
EINECS	257-950-6
InChI	1S/C29H41NO4/c1-25(2,3)26(4,32)20-15-27-10-11-29(20,33-5)24-28(27)12-13-30(16-17-6-7-17)21(27)14-18-8-9-19(31)23(34-24)22(18)28/h8-9,17,20-21,24,31-32H,6-7,10-16H2,1-5H3
InChIKey	RMRJXGBAOAMLHD-UHFFFAOYSA-N
log P (octanol-water)	4.98
Vapor Pressure	9.27E-14 mm Hg
pKa Dissociation Constant	8.31
Henry's Law Constant	1.76E-17 atm-m ³ /mole
Atmospheric OH Rate Constant	2.55E-10 cm ³ /molecule-sec
Water solubility	0.636 mg/L



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