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Typical Product Specifications & Properties

Colchicine

CAS Number: : 64-86-8

Specifications	Limits
Molecular weight	399.44
EINECS	200-598-5
InChI	1S/C22H25NO6/c1-12(24)23-16-8-6-13-10-19(27-3)21(28-4)22(29-5)20(13)14-7-9-18(26-2)17(25)11-15(14)16/h7,9-11,16H,6,8H2,1-5H3,(H,23,24)/t16-/m1/s1
InChIKey	IAKHMKGGTNLKSZ-MRXNPFEDSAN
Alpha	-250 ° (c=1, alcohol)
Sensitive	Light Sensitive
Melting Point	150-160 °C (dec.)
BRN Number	2228813
Stability	Stable. Light sensitive. Incompatible with strong oxidizing agents.
Merck	14,2471
Solubility	H2O: 10 mg/mL
Storage Temperature	Poison room



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Specifications	Limits
Water solubility	45 g/L (20 °C)
Color	white to yellow with a green cast
Form	powder
pKa Dissociation Constant	1.85
log P (octanol-water)	1.3
Henry's Law Constant	1.79E-17 atm-m ³ /mole
Water solubility	4.50E+04 mg/L
Atmospheric OH Rate Constant	3.32E-10 cm ³ /molecule-sec
Vapor Pressure	3.13E-12 mm Hg
Melting Point	156 °C



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