

COLCHICINE

Colchicine is a naturally occurring alkaloids extracted from the seeds of *Gloriosa superba* plant.



CAS No. : 64-86-8
Chemical Formula : $C_{22}H_{25}NO_6$
Molecular Formula : 399.44 g/mole

Benefits:

Colchicine is used in the treatment of Gout.

PARAMETERS	SPECIFICATIONS
Description	Pale yellow to pale greenish-yellow, amorphous scales or powder or crystalline powder. Is odorless or nearly so and darkens on exposure to light.
Solubility	Soluble in water, freely soluble in alcohol and in chloroform slightly soluble in ether.
Specific Optical Rotation	Between -240 & -250 (On anhydrous & solvent free basis)
Water Content (By KF)	Not more than 2.0%
Assay (By HPLC)	Between 94.0% and 101.0% (On anhydrous and solvent free basis)
Identification (By IR)	IR spectra should match with that of reference standard
Limit of colchicine	No definite green color should produce
Limit of ethyl acetate	Not more than 8.0%

COLCHICINE CAN BE SUPPLIED AS PER USP / BP / EP



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