

Product Datasheet

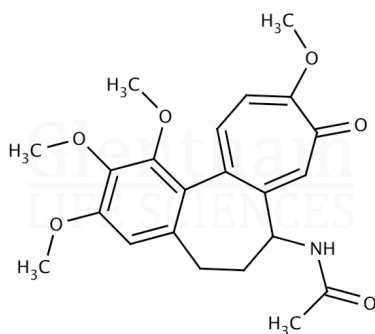
GP6620 - Colchicine

Product Details

Product Name	Colchicine
Glenthams Code	GP6620
CAS Number	64-86-8
EINECS	200-598-5
MDL Number	MFCD00078484
PubChem SID	310270453
Related Categories	APIs, Biochemicals, Dyes & Stains, Phytochemicals, Cytotoxins, Alkaloids

Structure

Molecular Weight	: 399.44
Molecular Formula	: $C_{22}H_{25}NO_6$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

CLP Classification	Acute Tox. 1, Acute Tox. 2, Muta. 1B, Eye Dam. 1
Signal Word	Danger
Hazard Codes	H330, H300, H340, H318

Precautionary Codes

P280, P304+P340,
P305+P351+P338,
P308+P313, P260,
P301+P310

Pictograms



UN Number, Class, PG (RID)

UN1544 - 6.1 - PG I

Glenthams Product Specification

Physical Description	: White to yellow powder
Solubility (5% in ethanol)	: Clear to very faintly turbid, colourless to yellow or yellow-green solution
Water	: ≤ 5.0%
Ethyl Acetate	: ≤ 8.0%
Assay	: ≥ 95.0% (dried, solvent-free basis)
Version	: v1.1

About Colchicine

Colchicine is a plant-derived alkaloid with anti-inflammatory and antimitotic properties. It disrupts microtubule polymerization by binding to tubulin and can induce apoptosis in certain cell lines. Colchicine is used in the treatment of inflammatory diseases, but due to its antimitotic properties, there is also interest in its potential as an anticancer drug.