

## Product Datasheet

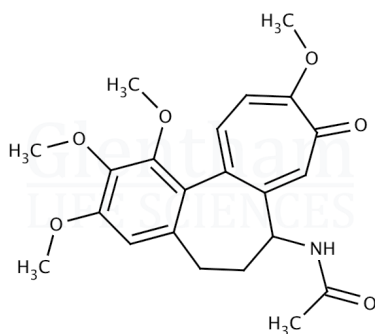
### GP6620 - Colchicine

#### Product Details

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

#### Structure

Molecular Weight	: 399.44
Molecular Formula	: C <sub>22</sub> H <sub>25</sub> NO <sub>6</sub>



#### 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.

#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

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

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