


Specification

Demecolcine BioChemica

A4347

Physical Description:	Solid
Product Code:	A4347
Product Name:	Demecolcine <i>BioChemica</i>
Specifications:	Assay (HPLC): min. 98 % Identity: passes test
Hazard pictograms	
UN:	2811
Class/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	3
Storage:	2-8°C
Signal Word:	Danger
GHS Symbols:	GHS06
H Phrases:	H300
P Phrases:	P260 P281 P308+P313
Molecular Formula:	C ₂₁ H ₂₅ NO ₅

AppliChem GmbH

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Specification

Demecolcine BioChemica

A4347

M:	371.44 g/mol
CAS:	477-30-5
EINECS:	207-514-6
CS:	29397900
<p>Comment</p> <p>Beside Colchicin, Demecolcin is the most abundant alkaloid of <i>Colchicum autumnale</i>. By disrupting microtubuli formation, Demecolcin influences cell division and other cellular processes. It inhibits spindle fibre formation in M phase, leading to polyploid cells. Demecolcin is much less toxic for humans than Colchicin, making it a drug in cancer treatment. It is of low solubility in water, but soluble in alcohol, ether and chloroform.</p>	

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