



## Product Information

**Product ID** D1749

**CAS No.** 477-30-5

**Chemical Name** 6,7-Dihydro-1,2,3,10-tetramethoxy-7-(methylamino)- benzo[a]heptalen-9(5H)-one

**Synonym** N-methyl-N-desacetylcolchicine, Colcemid, Omaine

**Formula** C<sub>21</sub>H<sub>25</sub>NO<sub>5</sub>

**Formula Wt.** 371.43

**Melting Point** 186° C

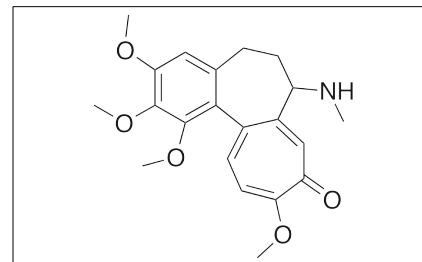
**Purity** ≥97%

**Solubility** Soluble in alcohol, ether, chloroform, benzene or acidified water.

**Store Temp** 4° C

**Ship Temp** Ambient

**Description** Demecolcine binds tubulin and induces microtubule depolymerization and prevents polymerization. Demecolcine forces ejection of the nucleus and is used in research models studying embryonic cloning.



## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
D1749	1 mg	\$71.60
D1749	5 mg	\$172.70
D1749	10 mg	\$307.50
D1749	50 mg	\$1150.50

**References** Yang H, Ganguly A, Cabral F. Inhibition of cell migration and cell division correlates with distinct effects of microtubule inhibiting drugs. J Biol Chem. 2010 Oct 15;285(42):32242-50. PMID: 20696757.

Lan GC, Wu YG, Han D, et al. Demecolcine-assisted enucleation of goat oocytes: protocol optimization, mechanism investigation, and application to improve the developmental potential of cloned embryos. Cloning Stem Cells. 2008 Jun;10(2):189-202. PMID: 18373477.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.