

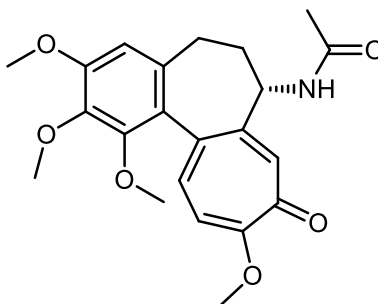
**Catalog # 10-2310**

**Colchicine**

CAS# 64-86-8

(S)-N-(5,6,7,9-Tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)acetamide

Lot # X1912



A naturally occurring alkaloid which acts as an antimetabolic agent by binding to tubulin and depolymerizing microtubules. Induces apoptosis in a variety of cell lines.

1) Merck 14:2471

**PHYSICAL DATA**

Molecular Weight:	399.45
Molecular Formula:	C <sub>22</sub> H <sub>25</sub> NO <sub>6</sub>
Purity:	99% by TLC/HPLC NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml), Ethanol (up to 25 mg/ml), Water (up to 25 mg/ml)
Physical Description:	White or pale yellow solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO, ethanol, or distilled water may be stored at -20°C for up to 3 months

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