

## Thiocolchicine

Cat. No. CEI-0565

Lot. No. (See product label)

### Introduction

#### Description

Thiocolchicine is an antimitotic alkaloid. Tubulin polymerization and microtubule assembly inhibitor and axonal cytoskeleton modulator; apoptosis inducer. Thiocolchicine-dimers were shown to be potent topoisomerase I inhibitors.

#### Synonyms

10-Demethoxy-10-methylthiocolchicine; NSC 186301

### Product Information

#### Appearance

White to off-white solid

#### CAS No.

2730-71-4

#### Molecular Formula

C<sub>22</sub> H<sub>25</sub> NO<sub>5</sub> S

#### Molecular Weight

207.25

#### Purity

>98%

#### Targets

Microtubule

#### Solubility

DMSO or EtOH

### Storage and Shipping Information

#### Storage

+4 centigrade

#### Shipping Conditions

Gel pack