

## E-64

Cat. No. CEI-0454

Lot. No. (See product label)

### Introduction

**Description** E-64 is an irreversible, cell-permeable, potent, and highly selective cysteine protease inhibitor. E-64 will not inhibit serine proteases (except trypsin) like other cysteine protease inhibitors, leupeptin and antipain. A very useful cysteine protease inhibitor for use in in vivo studies because it has a specific inhibition and displays low toxicity.

### Product Information

**Appearance** Crystalline solid

**CAS No.** 66701-25-5

**Molecular Formula** C<sub>15</sub>H<sub>27</sub>N<sub>5</sub>O<sub>5</sub>

**Chemical Name** trans-Epoxy succinyl-L-leucylamido(4-guanidino)butane, L-trans-3-Carboxyoxiran-2-carbonyl-L-leucylagmatine, N-(trans-Epoxy succinyl)-L-leucine 4-guanidinobutylamide

**Molecular Weight** 448.53

**Purity** >95% by NMR

**Targets** protease

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack