

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 ₁₅ H ₂₇ N ₅ O ₅
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