

## Necrosis Inhibitor, Necrox-2

Cat. No. CEI-0583

Lot. No. (See product label)

### Introduction

#### Description

A cell-permeable necrosis inhibitor that displays antioxidant property. It localizes mostly in the mitochondria. Selectively blocks oxidative stress-induced necrotic cell death (0.1  $\mu$ M NecroX-2 prevented ~50% cell death in H9C2 cells exposed to 400  $\mu$ M t-BuOOH for 2 hours). Does not protect against staurosporine or etoposide-induced apoptosis. Protects cells against cold shock, hypoxia and oxidative stress in vitro.

### Product Information

**Appearance** Liquid

**Molecular Formula** C 25 H 32 N 4 O 4 S 2

**Chemical Name** [5-(1,1-Dioxo-thiomorpholin-4-ylmethyl)-2-phenyl-1H-indol-7-yl]-(1-methanesulfonyl-piperidin-4-yl)-amine

**Molecular Weight** 654.7

**Purity** >99% by HPLC

**Targets** Necroptosis

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack