

## PX 12

Cat. No. CEI-0677

Lot. No. (See product label)

### Introduction

#### Description

PX-12 is an irreversible inhibitor of thioredoxin-1 (TRX-1) ( $K_i = 31 \mu\text{M}$ ). It decreases the expression of HIF-1 $\alpha$  ;, VEGF and iNOS (IC<sub>50</sub> values are 7.2, ~10 and 18.1  $\mu\text{M}$  respectively). Also known to display antitumor activity and inhibits tubulin polymerization in vitro.

#### Synonyms

IV-2

### Product Information

#### Appearance

White solid

#### CAS No.

141400-58-0

#### Molecular Formula

C 7 H 12 N 2 S 2

#### Chemical Name

2-[(1-Methylpropyl)dithio]-1H-imidazole

#### Molecular Weight

213.23

#### Purity

>95% by HPLC

#### Targets

TXN1

#### Solubility

DMSO (20 mg/ml) or water (5 mg/ml)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack