

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 α ; VEGF and iNOS (IC50 values are 7.2, ~10 and 18.1 μM 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