Creative Enzymes®

PX 12

Cat. No. CEI-0677

Lot. No. (See product label)

Introduction

Description	PX-12 is an irreversible inhibitor of thioredoxin-1 (TRX-1) (Ki = 31 μM). It decreases the expression of HIF-1α ;, 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