Creative Enzymes®

Disulfiram

Cat. No. CEI-0398

Lot. No. (See product label)

Introduction

Description	An alcohol dehydrogenase inhibitor used for the treatment of chronic alcoholism. Suppresses the invasive ability of osteosarcoma cells via the inhibition of MMP-2 and MMP-9 expression. Also inhibits JMJD2A, a 2-oxoglutarate dependent N(epsilon)-methyl lysine histone demethylase, by disruption of its Zn-binding site.

Product Information

Appearance	Liquid
CAS No.	97-77-8
Molecular Formula	C 10 H 20 N 2 S 4
Chemical Name	1,1-[disulfanediylbis(carbonothioylnitrilo)]tetraethane;Tetraethylthiuram disulfide; is(diethylthiocarbamyoyl)disulfide
Molecular Weight	302.4
Purity	>99% by HPLC
Targets	alcohol dehydrogenase

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack