Creative Enzymes®

RITA (NSC 652287)

Cat. No. CEI-0884

Lot. No. (See product label)

Introduction

Description	RITA (NSC 652287) induces both DNA-protein and DNA-DNA cross-links with no detectable DNA single-strand breaks, and also inhibits MDM2-p53 interaction by targeting p53.
Synonyms	SOS BISMETHANOL

Product Information

CAS No.	213261-59-7
Molecular Formula	C14H12O3S2
Chemical Name	2-Thiophenemethanol, 5,5'-(2,5-furandiyl)bis-
Molecular Weight	292.37
Targets	DNA cross-links (A498 cells), DNA cross-links (TK-10 cells)
IC50	2 nM ; 20 nM
Solubility	DMSO 58 mg/mL; Water <1 mg/mL; Ethanol 8 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.