

## 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** C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>S<sub>2</sub>

**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.