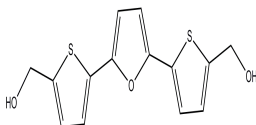


**PRODUCT: RITA****ALTERNATE NAME:** 5,5'-(2,5-Furandiyl)bis-2-thiophenemethanol; NSC 652287**CATALOG #:** 2469-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>S<sub>2</sub>**MOLECULAR WEIGHT:** 292.37**CAS No.** 213261-59-7**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>25 mg/ml) or EtOH (>5 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** RITA (reactivation of p53 and induction of tumor cell apoptosis) binds to p53 and induces its accumulation in tumor cells. RITA prevents p53-HDM2 interaction in vitro and in vivo and affects p53 interaction with several negative regulators. It induces expression of p53 target genes and apoptosis in various tumor cell lines expressing wild-type p53.**REFERENCES:** Issaeva, N., *et al.* (2004). *Nat. Med.* **10**, 1321-1328.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**NSC146109 hydrochloride (**Cat. No. 1907-5**)Nutlin-3 (**Cat. No. 1842-1, 5**)PRIMA-1 (**Cat. No. 2170-5, 25**)**FOR RESEARCH USE ONLY! Not to be used in humans.**