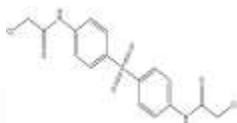


PRODUCT: TC-E 5003**ALTERNATE NAME:** *N,N'*-(Sulfonyldi-4,1-phenylene)bis(2-chloroacetamide)**CATALOG #:** B1177-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₄Cl₂N₂O₄S**MOLECULAR WEIGHT:** 401.26**CAS NUMBER:** 17328-16-4**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (~20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** TC-E 5003 is a selective protein arginine methyltransferase 1 (PRMT1) inhibitor (IC₅₀ = 1.5 μM); displays no inhibitory activity against CARM1 and Set7/9 methyltransferases. Inhibits growth of MCF7a breast cancer cells and LNCaP prostate cancer cells.**REFERENCES:** Bissinger, E.M., *et al.* (2011). *Bioorg. Med. Chem.* **19**, 3717-3731.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

A-366 (Cat. No. 2859-1, 5)

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

BRD4770 (Cat. No.9525-5, 25)

CL7280948 (B1153)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

2'-Deoxy-5-fluorocytidine (Cat. No. 2387-50, 250)

EPZ-015666 (Cat. No. 9510-1,5)

Lomeguatrib (Cat. No. 2224-5, 25)

Nanaomycin A (Cat. No. 2790-5, 25)

RG108 (Cat. No. 1679-10, 30)

SGI-1027 (Cat. No. 2726-5, 25)

TC-E 5003 (Cat. No. B1177-10, 50)

UNC0638 (Cat. No. 1933-1, 5)

UNC0642 (Cat. No. 2862-5, 25)

WDR5 polyclonal Antibody (6846)

Zebularine (Cat. No. 2225-1, 5)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**