



Datasheet for ABIN7233297

## TC-E 5003



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### 1 Image

#### Overview

Quantity: 50 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: Arginine methyl transferase 1 (PRMT1) inhibitor

Characteristics: Selective protein arginine methyltransferase 1 (PRMT1) inhibitor, IC<sub>50</sub> = 1.5 μM. Displays no activity against CARM1 and Set7/9 methyltransferases. Inhibits growth of MCF7a breast cancer cells and LNCaP prostate cancer cells. Blocks androgen-induced gene expression in LNCaP cells.

Purity: >98 %

Chemical Name: N,N'-(Sulfonyldi-4,1-phenylene)bis(2-chloroacetamide)

Formula: C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S

Solubility: Soluble in DMSO (up to 50 mg/ml).

#### Target Details

Background: Epigenetics,Transcription,Protein methyltransferase,Posttranslational modification,Chromatin

Molecular Weight: 401.26

CAS-No: 17328-16-4

#### Application Details

Restrictions: For Research Use only

## Handling

Format: Powder

Storage: -20 °C

## Images

### Molecule

Image 1. /

