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## PRMT1-2e

产品编号: D50847

CAS: 17328-16-4

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

纯度: ≥98%

InChi: InChi=1S/C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S/c17-9-15(21)19-11-1-5-13(6-2-11)25(23,24)14-7-3-12(4-8-14)20-1  
6(22)10-18/h1-8H,9-10H2,(H,19,21)(H,20,22)

InChi Key: SHRCVZJKZJGIHQ-UHFFFAOYSA-N

Smiles: O=S(=O)(C1C=CC(=CC=1)NC(=O)C(Cl)C1C=CC(=CC=1)NC(=O)C(Cl)

外观: 固体粉末

溶解性: DMSO up to 50 mM

保存条件: Store in dry, dark place for one year.

产品介绍: PRMT1-2e is a potent, specific and cell permeable inhibitor of protein arginine methyltransferase 1 (PRMT1) with an IC<sub>50</sub> ~1.5 μM. It has no activity against CARM1 and Set7/9 methyltransferases. It inhibits growth of MCF7a breast cancer cells (IC<sub>50</sub> ~1.97 μM) and LNCaP prostate cancer cells (IC<sub>50</sub> ~4.49 μM). It can attenuate androgen-induced gene expression in LNCaP cells.