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## BRD4770

产品编号: D51631

CAS: 1374601-40-7

分子式: C<sub>25</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>25</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>/c1-31-24(30)20-14-15-22-21(17-20)26-25(27-23(29)19-12-6-3-7-13-19)  
28(22)16-8-11-18-9-4-2-5-10-18/h2-7,9-10,12-15,17H,8,11,16H<sub>2</sub>,1H<sub>3</sub>, (H,26,27,29)

InChi Key: UCGWYCMPZXDHNR-UHFFFAOYSA-N

Smiles: COC(=O)C1=CC2N=C(NC(=O)C3C=CC=CC=3)N(CCCC3C=CC=CC=3)C=2C=C1

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: Soluble in DMSO, not in water

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

产品介绍: BRD4770 is a novel histone methyltransferase inhibitor. BRD4770 reduced cellular levels of di- and trimethylated H3K9 without inducing apoptosis, induced senescence, and inhibited both anchorage-dependent and -independent proliferation in the pancreatic cancer cell line PANC-1. ATM-pathway activation, caused by either genetic or small-molecule inhibition of G9a, may mediate BRD4770-induced cell senescence. BRD4770 may be a useful tool to study G9a and its role in senescence and cancer cell biology.