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## WDR5-0103

产品编号: D50895

CAS: 890190-22-4

分子式: C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>4</sub>/c1-23-9-11-24(12-10-23)19-8-7-16(21(26)28-3)14-18(19)22-20(25)15-5-4-6-17(13-15)27-2/h4-8,13-14H,9-12H<sub>2</sub>,1-3H<sub>3</sub>, (H,22,25)

InChi Key: ZPLBXOVTSNRBFB-UHFFFAOYSA-N

Smiles: CN1CCN(CC1)C1C=CC(=CC=1NC(=O)C1=CC(=CC=C1)OC)C(=O)OC

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: DMSO up to 100 mM

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

产品介绍: WDR5-0103 is a potent and selective WD repeat-containing protein 5 (WDR5) antagonist with K<sub>d</sub> of 450 nM. It has no effect on a panel of seven other methyltransferases, including SETD7. It binds in the WDR5 peptide-binding pocket and inhibits the catalytic activity of the MLL core complex in vitro. WDR5-0103 is a good chemical probe to demonstrate inhibition of an important protein-protein interaction and form the basis for further development of inhibitors of WDR5-dependent enzymes implicated in MLL-rearranged leukaemias or other cancers.