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## OICR9429

产品编号: D50915

CAS: 1801787-56-3

分子式: C<sub>29</sub>H<sub>32</sub>F<sub>3</sub>N<sub>5</sub>O<sub>3</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>29</sub>H<sub>32</sub>F<sub>3</sub>N<sub>5</sub>O<sub>3</sub>/c1-35-7-9-37(10-8-35)26-6-5-22(21-4-2-3-20(15-21)19-36-11-13-40-14-12-36)16-25(26)34-28(39)23-18-33-27(38)17-24(23)29(30,31)32/h2-6,15-18H,7-14,19H<sub>2</sub>,1H<sub>3</sub>,3,(H,33,38)(H,34,39)

InChi Key: DJOVLOYCGXNVPI-UHFFFAOYSA-N

Smiles: CN1CCN(CC1)C1C=CC(=CC=1NC(=O)C1=CNC(=O)C=C1C(F)(F)F)C1=CC(CN2CCOCC2)=CC=C1

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: DMSO up to 50 mM

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

产品介绍: OICR9429 is a potent and selective WD repeat-containing protein 5 (WDR5) antagonist (K<sub>d</sub> ~24-52 nM). It has >100-fold selectivity over other methyltransferases tested. It disrupts WDR5 interaction with peptide regions of MLL and Histone 3. OICR-9429 also disrupts the interaction of WDR5 with MLL1 and RbBP5 in cells with IC<sub>50</sub> values below 1 μM.