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## I-BRD9

产品编号: D50934

CAS: 1714146-59-4

分子式: C<sub>22</sub>H<sub>22</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>22</sub>H<sub>22</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>/c1-2-28-12-17(13-4-3-5-14(10-13)22(23,24)25)19-16(21(28)29)11-18(32-19)20(26)27-15-6-8-33(30,31)9-7-15/h3-5,10-12,15H,2,6-9H<sub>2</sub>,1H<sub>3</sub>, (H<sub>2</sub>,26,27)

InChi Key: WRUWGLUCNBMGPS-UHFFFAOYSA-N

Smiles: CCN1C=C(C2SC(=CC=2C1=O)C(=N)NC1CCS(=O)(=O)CC1)C1=CC(=CC=C1)C(F)(F)F

外观: 固体粉末

作用通路: Epigenetic Reader Domain

溶解性: DMSO up to 100 mM

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

产品介绍: I-BRD9 is a potent, selective and cell permeable Bromodomain Containing Protein 9 (BRD9) inhibitor with K<sub>d</sub> ~1.9 nM. It has >700-fold selectivity over the BET family and 200-fold over the highly homologous bromodomain-containing protein 7 (BRD7). It downregulates CLEC1, DUSP6, FES and SAMSN1 genes in Kasumi-1 cells. I-BRD9 is the first selective tool compound available to elucidate the cellular phenotype of BRD9 bromodomain inhibition.