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## IACS-9571

产品编号: D51511

CAS: 1800477-30-8

分子式: C<sub>32</sub>H<sub>42</sub>N<sub>4</sub>O<sub>8</sub>S

纯度: ≥98%

InChi: InChI=1S/C<sub>32</sub>H<sub>42</sub>N<sub>4</sub>O<sub>8</sub>S/c1-8-14-42-22-16-23(43-15-10-9-13-34(2)3)18-24(17-22)44-30-21-28-27(35(4)32(37)36(28)5)20-26(30)33-45(38,39)25-11-12-29(40-6)31(19-25)41-7/h11-12,16-21,33H,8-10,13-15H<sub>2</sub>,1-7H<sub>3</sub>

InChi Key: HYQBRUSSCIAOOD-UHFFFAOYSA-N

Smiles: CN(C)CCCCOC1C=C(C=C(C=1)OCCC)OC1=CC2=C(C=C1NS(=O)(=O)C1C=CC(OC)=C(C=1)OC)N(C)C(=O)N2C

外观: 固体粉末

作用通路: Epigenetic Reader Domain

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: IACS-9571 is a potent and selective inhibitor TRIM24 and BRPF1. IACS-9571 has low nanomolar affinities for TRIM24 and BRPF1 (ITC K<sub>d</sub> = 31 nM and 14 nM, respectively). With its excellent cellular potency (EC<sub>50</sub> = 50 nM) and favorable pharmacokinetic properties (F = 29%), IACS-9571 is a high-quality chemical probe for the evaluation of TRIM24 and/or BRPF1 bromodomain function in vitro and in vivo.