

---

## PD0325901

产品编号: D50716

CAS: 391210-10-9

分子式: C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>/c17-11-3-2-10(16(25)22-26-7-9(24)6-23)15(14(11)19)21-13-4-1-8(20)5-12(13)18/h1-5,9,21,23-24H,6-7H2,(H,22,25)/t9-/m1/s1

InChi Key: SUDAHWBOROXANE-SECBINFHSA-N

Smiles: OC[C@@H](O)CONC(=O)C1C=CC(F)=C(F)C=1NC1C=CC(I)=CC=1F

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM

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

产品介绍: PD0325901 is a highly potent and selective inhibitor of MEK with an IC<sub>50</sub> of 0.33 nM. Its potency, selectivity, and solubility are all better than many other MEK inhibitors (e.g., CI-1040). It can potently inhibit the phosphorylation and activation of MAPK/ERK and tumor cell proliferation. In combination with CHIR99021, PD0325901 has been shown to promote mouse ES cell self-renewal and iPSC generation.