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## XAV939

产品编号: D50710

CAS: 284028-89-3

分子式: C<sub>14</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>S

纯度: ≥98%

InChi: InChI=1S/C<sub>14</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>S/c15-14(16,17)9-3-1-8(2-4-9)12-18-11-5-6-21-7-10(11)13(20)19-12/h  
1-4H,5-7H<sub>2</sub>, (H,18,19,20)

InChi Key: KLGQSVMIPOVQAX-UHFFFAOYSA-N

Smiles: OC1=NC(=NC2CCSCC=21)C1C=CC(=CC=1)C(F)(F)F

外观: 固体粉末

作用通路: PARP

溶解性: DMSO up to 50 mM

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

产品介绍: XAV939 is a potent and selective Wnt pathway antagonist. It functions to stabilize Axin by inhibiting the poly-ADP-ribosylating enzymes tankyrase 1 and tankyrase 2 with IC<sub>50</sub> of 11 nM and 4 nM, respectively. It has been used to study Wnt-dependent cancers. In addition, XAV939 was shown to stabilize Axin2 level in oligodendrocyte precursor cells in the spinal cord and accelerated their differentiation and myelination after hypoxic and demyelinating injury. It can also robustly induce cardiomyocyte differentiation from mouse and human ESCs/iPSCs.