

Product Datasheet

IAG933

Catalog No. **BP-02250** · CAS **2714434-21-4** · Form **free base** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-09-03**

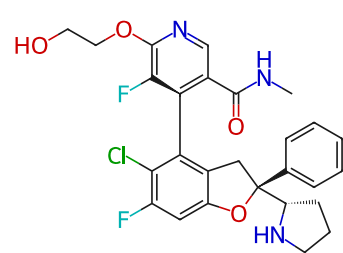
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Target YAP; Apoptosis	Research area Cancer
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Molecular formula **C₂₇H₂₆ClF₂N₃O₄**

Molecular weight **529.9630**

STRUCTURE



DESCRIPTION

IAG933 is a selective and orally efficacious YAP1/WWTR1(TAZ)-panTEAD protein-protein interaction inhibitor.

BIOLOGICAL ACTIVITY

In Vitro

IAG933 also has an inhibitory effect on NCI-H2052, with GI50 (inhibition of cell proliferation) and IC50 (inhibition of YAP reporter gene expression) values of 0.041 μM and 0.048 μM, respectively.

IAG933 (0-1 μM, 4 h) directly inhibits the interaction between YAP/TAZ and all four TEAD isoforms, selectively suppressing TEAD-driven transcriptional activity.

IAG933 (0.0001-10 μM, 24 h) shows a dose-dependent inhibition of TEAD target gene expression in MSTO211H and NCI-H226 cells, with IC50 values ranging from 11-26 nM.

IAG933 (0.001-10 μM, 72 h) demonstrates effective anti-proliferative activity in Hippo-dependent cell lines, with a GI50 of 13-91 nM in mesothelioma cells.

In Vivo

IAG933 (30-240 mg/kg, i.g., once a day, 28 days) shows a dose-dependent anti-tumor effect in mouse xenograft models, promoting cell apoptosis.

IAG933 (3-30 mg/kg, i.g., once a day, 2 weeks) causes tumor regression in the MSTO-211H rat xenograft model.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 116.67 mg/mL

REFERENCES

[1]. Bordas V, et al. Preparation of biaryl derivatives as YAP/TAZ-TEAD protein-protein interaction inhibitors. World Intellectual Property Organization, WO2021186324 A1. 2021-09-23.

[2]. Emilie A Chapeau et al. Direct and selective pharmacological disruption of the YAP-TEAD interface by IAG933 inhibits Hippo-dependent and RAS-MAPK-altered cancers. Nat Cancer. 2024 Jul;5(7):1102-1120.

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