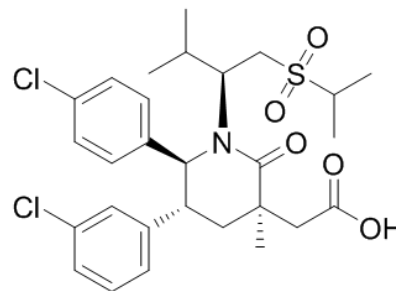


Product Name : AMG 232
Cat. No. : PC-42959
CAS No. : 1352066-68-2
Molecular Formula : C₂₈H₃₅Cl₂NO₅S
Molecular Weight : 568.5522
Target : MDM2-p53
Solubility : 10 mM in DMSO



Biological Activity

AMG 232 is a potent, selective, orally bioavailable MDM2-p53 inhibitor with K_d of 0.045 nM, inhibits SJSA-1 cell proliferation with IC₅₀ of 9.1 nM; robustly induces p53 activity, leading to cell-cycle arrest and inhibition of tumor cell proliferation; significantly inhibits tumor growth in SJSA-1 osteosarcoma xenograft model with ED₅₀ of 9.1 mg/kg, also shows significantly superior antitumor efficacy combined with chemotherapies in vivo, enhances radiosensitivity via inhibition of damage repair signaling.

Skin Cancer

Phase 2 Clinical

References

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Canon J, et al. Mol Cancer Ther. 2015 Mar;14(3):649-58.
Werner LR, et al. Mol Cancer Ther. 2015 Sep;14(9):1994-2003.
Prabakaran PJ, et al. Clin Cancer Res. 2017 Oct 15;23(20):6044-6053.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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