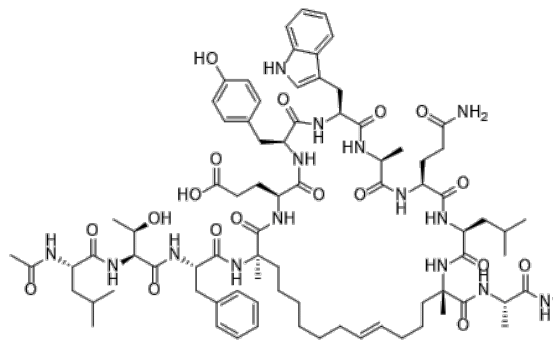


Product Name : ALRN-6924
Cat. No. : PC-72829
CAS No. : 1451199-98-6
Molecular Formula : C₉₅H₁₄₀N₂₀O₂₃
Molecular Weight : 1930.28
Target : MDM2-p53
Solubility : 10 mM in DMSO



CAS: 1451199-98-6

Biological Activity

ALRN-6924 (Sulanemadlin) is a potent dual inhibitor of **MDM2/MDM**, inhibits p53-MDM2, p53-MDMX, or both p53 and MDM2 and MDMX protein-protein interactions.

ALRN-6924 demonstrated potent anti-proliferative activity in a dose-dependent manner in two ER+ cell lines with WT TP53, MCF-7 and ZR-75-1, with IC₅₀ values of 113 nM and 500 nM respectively.

The combination of ALRN-6924 and chemotherapeutic agents synergistically inhibit cell proliferation in vitro, ALRN-6924 combined with paclitaxel reactivates p53 and induces cell cycle arrest and apoptosis in vitro.

ALRN-6924 mutually enhances both paclitaxel and eribulin antitumor efficacy and inhibits tumor growth in vivo.

References

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Liao G, et al. *Eur J Med Chem.* 2018 Nov 5;159:1-9.
Saleh MN, et al. *Clin Cancer Res.* 2021 Jul 22;clincanres.0715.2021.

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

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