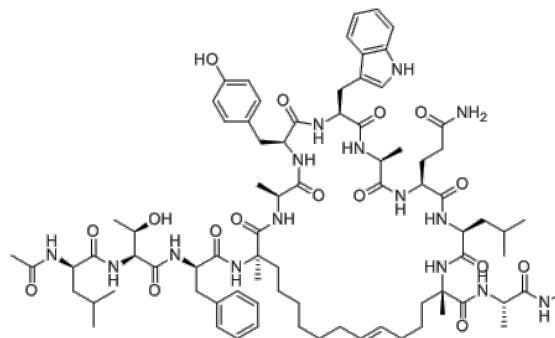


Product Name : ALRN-6924
Cat. No. : PC-72829
CAS No. : 1451199-98-6
Molecular Formula : C₉₅H₁₄₀N₂₀O₂₃
Molecular Weight : 1930.28
Target : MDM2-p53
Solubility : 10 mM in DMSO



Biological Activity

ALRN-6924 (Sulanemadlin) is a potent dual inhibitor of **MDM2/MDMX**.

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

Pairawan S, et al. *Breast Cancer Res.* 2021 Mar 4;23(1):29.

Liao G, et al. *Eur J Med Chem.* 2018 Nov 5;159:1-9.

Saleh MN, et al. *Clin Cancer Res.* 2021 Jul 22;clinres.0715.2021.

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

E-mail: tech@probechem.com