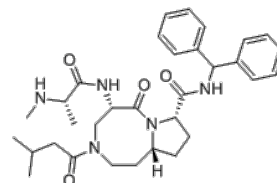


Product Name : DEBIO 1143
Cat. No. : PC-35889
CAS No. : 1071992-99-8
Molecular Formula : C₃₂H₄₃N₅O₄
Molecular Weight : 561.727
Target : IAP
Solubility : 10 mM in DMSO



Biological Activity

DEBIO 1143 (Xevinapant, AT-406, SM406, ARRY-334543, D1143) is a potent, orally active Smac mimetic that antagonizes **cIAP1, cIAP2 and XIAP** with K_i of 66.4, 1.9 and 5.1 nM, respectively.

DEBIO 1143 effectively antagonizes XIAP BIR3 protein in cell-free functional assays, induces rapid degradation of cellular cIAP1 protein, and inhibits cancer cell growth in various human cancer cell lines.

DEBIO 1143 effectively induces apoptosis and causes complete inhibition of tumor growth apoptosis in xenograft tumors.

References

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

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