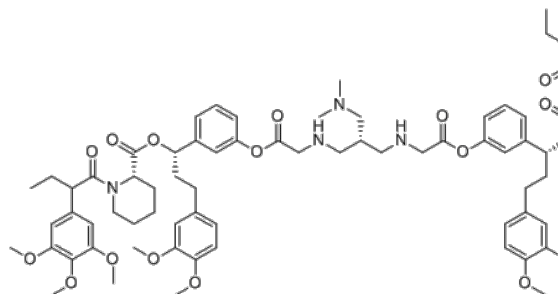


Product Name : AP20187
Cat. No. : PC-35968
CAS No. : 195514-80-8
Molecular Formula : C₈₂H₁₀₇N₅O₂₀
Molecular Weight : 1482.773
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

AP20187 (AP-20187, AP 20187) is a cell-permeable, semisynthetic bivalent ligand (dimerizer) of FK506-binding protein (**FKBP F36V**).

AP20187 potently inhibits the differentiation of transfected myoblasts in the absence of bFGF, blocks myotube formation and myosin heavy chain expression and stimulates MAP kinase phosphorylation in transfected cells.

AP20187 dramatically suppressed LNCaP tumor growth in nude mice and led to a significantly increased host survival.

References

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Xie X, et al. *Cancer Res*. 2001 Sep 15;61(18):6795-804.

Feng H, et al. *Blood*. 2001 Jun 1;97(11):3505-12.

Richard RE, et al. *Mol Ther*. 2004 Oct;10(4):730-40.

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

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