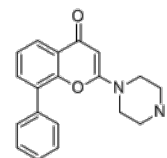


Product Name : NV-128
Cat. No. : PC-60555
CAS No. : 154447-38-8
Molecular Formula : C₁₉H₁₈N₂O₂
Molecular Weight : 306.365
Target : mTOR
Solubility : 10 mM in DMSO



Biological Activity

NV-128 (LY-303511) is a novel isoflavone derivative that inhibits **mTOR** and promotes caspase-independent cell death. NV-128 induce significant cell death in both paclitaxel-resistant and carboplatin-resistant EOC cells with GI50 of 1-5 ug/mL. NV-128 significantly depresses mitochondrial function by decrease in ATP, Cox-I, and Cox-IV levels, and by increase in mitochondrial superoxide and hydrogen peroxide.

References

Alvero AB, et al. *Cancer*. 2009 Jul 15;115(14):3204-16.

Alvero AB, et al. *Mol Cancer Ther*. 2011 Aug;10(8):1385-93.

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

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