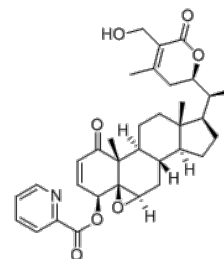


**Product Name** : ASR490  
**Cat. No.** : PC-38195  
**CAS No.** : 2690312-67-3  
**Molecular Formula** : C<sub>34</sub>H<sub>41</sub>NO<sub>7</sub>  
**Molecular Weight** : 575.702  
**Target** : Notch  
**Solubility** : 10 mM in DMSO



### Biological Activity

ASR490 (ASR-490) is a small molecule that binds to NRR of **Notch1**, specifically inhibits Notch1-mediated survival of colorectal cancer cells (IC<sub>50</sub>=0.6-1.2 μM).

ASR490 overcomes Notch1 overexpression and inhibits the growth of HCT/Notch1 transfectants, reduces Notch1-mediated tumor burden in xenografts.

### References

Ashish Tyagi, et al. *Mol Cancer Ther.* 2020 Dec;19(12):2422-2431.

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

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