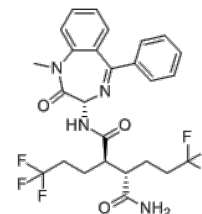


**Product Name** : BMS-906024  
**Cat. No.** : PC-60478  
**CAS No.** : 1401066-79-2  
**Molecular Formula** : C<sub>26</sub>H<sub>26</sub>F<sub>6</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 556.5  
**Target** : Notch  
**Solubility** : 10 mM in DMSO



## Biological Activity

Osugacestat (AL 101, BMS-906024) is a highly potent, selective inhibitor of  $\gamma$ -secretase mediated signaling of **Notch1/2/3/4** receptors with IC<sub>50</sub> of 1.6/0.7/3.4/2.9 nM, respectively.

Osugacestat (AL 101, BMS-906024) exhibits >200-fold selectivity against a panel of diverse protein targets.

Osugacestat (AL 101, BMS-906024) inhibits both leukemia (TALL-1) and triple-negative breast cancer (MDA-MB-468) cells with IC<sub>50</sub> of 0.4 nM, demonstrates broad-spectrum antineoplastic activity against a wide array of human cancer xenografts.

## References

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Knoechel B, Cold Spring Harb Mol Case Stud. 2015 Oct;1(1):a000539.et al.

Morgan KM, et al. *Mol Cancer Ther.* 2017 Dec;16(12):2759-2769.

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

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