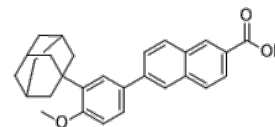


**Product Name** : Adapalene  
**Cat. No.** : PC-26462  
**CAS No.** : 106685-40-9  
**Molecular Formula** : C<sub>28</sub>H<sub>28</sub>O<sub>3</sub>  
**Molecular Weight** : 412.53  
**Target** : RAR/RXR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Adapalene (CD271) is a third-generation synthetic retinoid and potent RAR agonist with AC50s of 2.3 nM, 9.3 nM, and 22 nM for RAR $\beta$ , RAR $\gamma$ , RAR $\alpha$ , respectively.

## References

Shroot B, et, al. J Am Acad Dermatol. 1997 Jun;36(6 Pt 2):S96-103.

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

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