

## Adapalene, Retinoid RAR $\beta$ , $\gamma$ agonist

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Catalog	Unit
TBI1011-10MG	10 mg
TBI1011-50MG	50 mg

### Product Details

**Formal Name:** 6-[3-(1-Adamantyl)-4-methoxyphenyl]-2-naphthoic acid

**Alternate Names:** CD271

**Molecular Formula:** C<sub>28</sub>H<sub>28</sub>O<sub>3</sub>

**Formula Weight:** 412.53

**CAS Number:** 106685-40-9

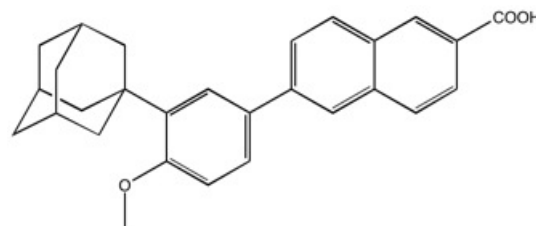
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 3 mg/ml) or in DMF (up to 6 mg/ml).

**Storage:** RT

**Stability:**  $\geq$  1 year.



### Applications

Retinoid RAR $\beta$ ,  $\gamma$  agonist

### Functions

Stable analog of retinoic acid that acts as a selective agonist for RAR $\beta$  and RAR $\gamma$ . Also inhibits proliferation and induces apoptosis in colorectal cancer cells in culture.

### Application Procedures

First dissolved in DMSO (up to 3 mg/ml) or in DMF (up to 6 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or DMF may be stored at -20°C for up to 3 months.

**For research use only.**