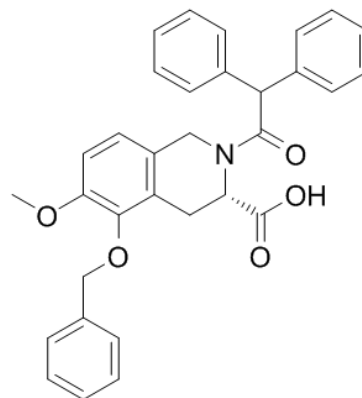


**Product Name** : EMA401  
**Cat. No.** : PC-43383  
**CAS No.** : 1316755-16-4  
**Molecular Formula** : C<sub>32</sub>H<sub>29</sub>NO<sub>5</sub>  
**Molecular Weight** : 507.5764  
**Target** : Angiotensin Receptor  
**Solubility** : DMSO: ≥ 34 mg/mL



## Biological Activity

EMA401 (Olodanrigan) is a potent, highly selective angiotensin II type 2 receptor (**AT2R**) antagonist, inhibits capsaicin responses in cultured neurons of human and rat DRG with IC<sub>50</sub> of 10 nM.

EMA401 is a novel peripherally-restricted analgesic, may act on paracrine/autocrine mechanisms at peripheral nerve terminals, or intracrine mechanisms, to reduce neuropathic pain signalling in AngII/NGF/TRPV1-convergent pathways.

## References

Anand U, et al. *Eur J Pain*. 2013 Aug;17(7):1012-26.

Smith MT, et al. *Pain Med*. 2013 May;14(5):692-705.

Rice ASC, et al. *Lancet*. 2014 May 10;383(9929):1637-1647.

Anand U, et al. *Mol Pain*. 2015 Jun 26;11:38.

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

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