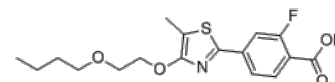


**Product Name** : AC261066  
**Cat. No.** : PC-35516  
**CAS No.** : 870773-76-5  
**Molecular Formula** : C<sub>17</sub>H<sub>20</sub>FNO<sub>4</sub>S  
**Molecular Weight** : 353.408  
**Target** : RAR/RXR  
**Solubility** : 10 mM in DMSO



## Biological Activity

AC261066 (AC-261066, AC261) is a potent, selective, orally available **RAR $\beta$ 2** agonist with pEC<sub>50</sub> of 8.1, displays selectivity over RAR $\beta$ 1, RAR $\alpha$  and RAR $\gamma$  (pEC<sub>50</sub>=6.4, 6.2 and 6.3).

AC261066 exerts cardioprotective effects, also exhibits therapeutic effects in high fat diet (HFD) model of diabetic nephropathy (DN).

## References

Lund BW, et al. *J Med Chem.* 2005 Dec 1;48(24):7517-9.

Trasino SE, et al. *Diabetes Obes Metab.* 2016 Feb;18(2):142-51.

Trasino SE, et al. *J Mol Med (Berl).* 2016 Oct;94(10):1143-1151.

Marino A, et al. *J Pharmacol Exp Ther.* 2018 Aug;366(2):314-321.

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

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