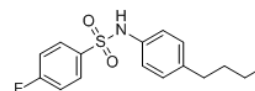


**Product Name** : DC-260126  
**Cat. No.** : PC-70042  
**CAS No.** : 346692-04-4  
**Molecular Formula** : C<sub>16</sub>H<sub>18</sub>FNO<sub>2</sub>S  
**Molecular Weight** : 307.383  
**Target** : Free Fatty Acid Receptor (FFAR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

DC-260126 is a potent **GPR40** agonist with IC<sub>50</sub> of 6.28 μM for inhibition of Ca<sup>2+</sup> stimulated by linoleic acid. DC-260126 reduces GTP-loading and ERK1/2 phosphorylation stimulated by linoleic acid in GPR40-CHO cells. DC-260126 improves insulin tolerance but not glucose tolerance in obese Zucker rats.

## References

- Sun P, et al. *PLoS One*. 2013 Jun 11;8(6):e66744.  
Zhang X, et al. *Biomed Pharmacother*. 2010 Nov;64(9):647-51.  
Hu H, et al. *Biochem Biophys Res Commun*. 2009 Dec 18;390(3):557-63.

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

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