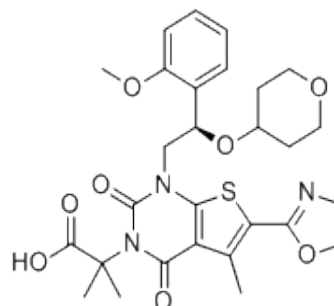


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

<b>Product Name</b>	:Firsocostat
<b>Cat.No.</b>	:URK-V733
<b>CAS No.</b>	:1434635-54-7
<b>Molecular Formula</b>	:C <sub>28</sub> H <sub>31</sub> N <sub>3</sub> O <sub>8</sub> S
<b>Molecular Weight</b>	:569.629
<b>Target</b>	:Acetyl-CoA Carboxylase(ACC)
<b>Solubility</b>	:10 mM in DMSO



### Biological Activity

Firsocostat (ND-630, NDI-010976, GS-0976) is a highly potent, selective inhibitor of acetyl-CoA carboxylase (ACC) with IC<sub>50</sub> of 2.1 and 6.1 nM for isoforms ACC1 and ACC2, respectively; displays no activity against 101 enzymes, receptors, growth factors, transporters, and ion channels at 10 μM; reduces hepatic steatosis, improves insulin sensitivity, reduces weight gain without affecting food intake, and favorably affects dyslipidemia in DIO mice.

Steatohepatitis

Phase 2 Clinical

### References

1. Harriman G. et al. Proc Natl Acad Sci U S A. 2016 Mar 29;113(13):E1796-805.

*Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

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

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