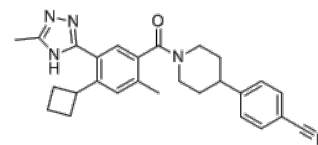


**Product Name** : TVB-2640  
**Cat. No.** : PC-72346  
**CAS No.** : 1399177-37-7  
**Molecular Formula** : C<sub>27</sub>H<sub>29</sub>N<sub>5</sub>O  
**Molecular Weight** : 439.563  
**Target** : Fatty Acid Synthase  
**Solubility** : >500 mM in DMSO (>220 mg/mL)



## Biological Activity

TVB-2640 (Denifanstat, TVB2640) is a first-in-class, potent, selective, oral fatty acid synthase (**FASN**) inhibitor with IC<sub>50</sub> of 52 nM, inhibits lipogenesis with therapeutic potential against NAFLD, nonalcoholic steatohepatitis, and KRAS MUT solid tumors.

## References

- Syed-Abdul MM, et al. *Hepatology*. 2020 Jul;72(1):103-118.  
Singh S, et al. *Mini Rev Med Chem*. 2020;20(18):1820-1837.  
Loomba R, et al. *Gastroenterology*. 2021 Nov;161(5):1475-1486.

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

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