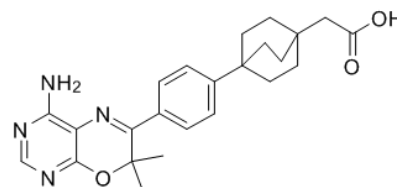


**Product Name** : DGAT1-IN-4  
**Cat. No.** : PC-45835  
**CAS No.** : 942999-61-3  
**Molecular Formula** : C<sub>24</sub>H<sub>28</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 420.5041  
**Target** : Diglyceride Acyltransferase (DGAT)  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent, selective, and orally efficacious inhibitor of DGAT-1 with IC<sub>50</sub> of 15 nM and 9 nM for hDGAT-1 and mDGAT-1, respectively; shows no significant activity for ACAT-1 (IC<sub>50</sub>=5.2 μM); shows effectivity in both intestinal and adipose tissue, reduces body weight or body weight gain following oral administration in both mouse and rat models of dietary-induced obesity.

Obesity

Preclinical

## References

Birch AM, et al. J Med Chem. 2009 Mar 26;52(6):1558-68.

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

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