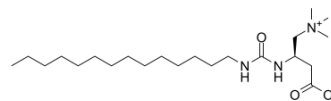


Teglicar

| | |
|--------------------|---|
| Cat. No.: | HY-16482 |
| CAS No.: | 250694-07-6 |
| Molecular Formula: | C ₂₂ H ₄₅ N ₃ O ₃ |
| Molecular Weight: | 399.61 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the COA. |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Teglicar is a selective and reversible inhibitor of liver isoform of carnitine palmitoyl-transferase 1 (L-CPT1). Teglicar reduces ketogenesis and glucose production, decreases gluconeogenesis and improves glucose homeostasis. Teglicar has a potential antihyperglycemic property ^[1] . |
|-------------|--|

| | |
|---------------------------|-----------------------------|
| IC ₅₀ & Target | IC50: L-CPT1 ^[1] |
|---------------------------|-----------------------------|

REFERENCES

[1]. Conti R, et al. Selective reversible inhibition of liver carnitine palmitoyl-transferase 1 by teglicar reduces gluconeogenesis and improves glucose homeostasis. *Diabetes*. 2011 Feb;60(2):644-51.

Caution: Product has not been fully validated for medical applications. For research use only.

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