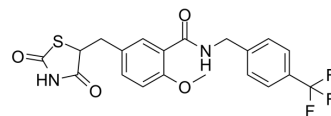


## KRP-297

Cat. No.:	HY-119248
CAS No.:	213252-19-8
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	438.42
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

KRP-297 is a PPAR $\alpha$  and PPAR $\gamma$  agonist potentially for the treatment of type 2 diabetes and dyslipidemia. KRP-297 restores reduced lipid oxidation, and inhibits of enhanced lipogenesis and triglyceride accumulation in the liver.

## REFERENCES

- [1]. Murakami K, Tobe K, Ide T, et al. A novel insulin sensitizer acts as a coligand for peroxisome proliferator-activated receptor-alpha (PPAR-alpha) and PPAR-gamma: effect of PPAR-alpha activation on abnormal lipid metabolism in liver of Zucker fatty rats. *Diabetes*. 1998;47(12):1841-1847.
- [2]. Kochansky CJ, Rippley RK, Yan KX, et al. Absorption, metabolism, and excretion of [14C]MK-0767 (2-methoxy-5-(2,4-dioxo-5-thiazolidinyl)-N-[[4-(trifluoromethyl)phenyl]methyl]benzamide) in humans. *Drug Metab Dispos*. 2006;34(9):1457-1461.

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

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