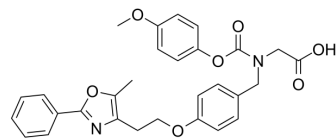


Muraglitazar

Cat. No.:	HY-17445
CAS No.:	331741-94-7
Molecular Formula:	C ₂₉ H ₂₈ N ₂ O ₇
Molecular Weight:	516.54
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Muraglitazar is a PPAR α/γ dual agonist for the research of type 2 diabetes and associated dyslipidemia. Muraglitazar shows potent activity in vitro at human PPAR α (EC₅₀ = 320 nM) and PPAR γ (EC₅₀ = 110 nM)^[1].

REFERENCES

[1]. Buse JB, Rubin CJ, Frederich R, et al. Muraglitazar, a dual (alpha/gamma) PPAR activator: a randomized, double-blind, placebo-controlled, 24-week monotherapy trial in adult patients with type 2 diabetes. *Clin Ther.* 2005;27(8):1181-1195.

[2]. Cox SL. Muraglitazar: an agent for the treatment of type 2 diabetes and associated dyslipidemia. *Drugs Today (Barc).* 2005;41(9):579-587.

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

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