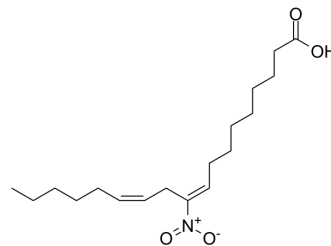


10-Nitrolinoleic acid

Cat. No.:	HY-113473
CAS No.:	774603-04-2
Molecular Formula:	C ₁₈ H ₃₁ NO ₄
Molecular Weight:	325.44
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	10-Nitrolinoleic acid is a potent peroxisome proliferator-activated receptor γ (PPAR γ) agonist. 10-Nitrolinoleic acid competes with [³ H]Rosiglitazone for binding to PPAR- γ , with an IC ₅₀ of 0.22 μ M ^[1] .
IC ₅₀ & Target	PPAR γ 0.22 μ M (IC ₅₀)

REFERENCES

[1]. Dunny E, et, al. Stereocontrolled synthesis of the PPAR-gamma agonist 10-nitrolinoleic acid. J Org Chem. 2010 Aug 6;75(15):5334-6.

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

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