

PPAR δ agonist 10

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	PPAR δ agonist10 (compound 7) is an orally active, selective partial agonist of PPAR δ , with EC50 values of 0.053 μ M for hPPAR δ (LBD)-GAL4 and 0.30 μ M for mPPAR δ . In transactivation assays, it acts as a partial PPAR δ agonist but fully stimulates muscle cell free fatty acid oxidation both in vitro and in vivo. PPAR δ agonist10 can be utilized for dyslipidemia research.
Targets(IC50)	PPAR
In vitro	PPAR δ agonist 10 (compound 7) enhances fatty acid oxidation in rat L6 muscle cells, with an EC50 of 30 nM.
In vivo	Compound 7, a PPAR δ agonist, modifies plasma lipid levels in a dose-dependent manner to reduce atherosclerosis.

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