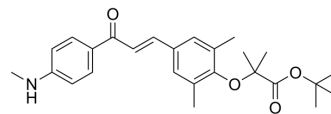


Anti-NASH agent 1

Cat. No.:	HY-155525		
CAS No.:	2409685-41-0		
Molecular Formula:	C ₂₆ H ₃₃ NO ₄		
Molecular Weight:	423.54		
Target:	PPAR		
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Anti-NASH agent 1 (compound 3d) is a derivative of Elafibranor (HY-16737) is a potent agonist of PPAR- α/δ targeting to nonalcoholic steatohepatitis (NASH). Anti-NASH agent 1 (3-10 mg/kg; 4 weeks) improves hyperlipidemia, liver fat degeneration and liver inflammation in Methionine-choline deficiency (MCD) induced NASH mice model. Anti-NASH agent 1 shows low liver toxicity and potent liver protection effect ^[1] .
IC ₅₀ & Target	PPAR- α/δ ^[1]

REFERENCES

[1]. Xiang C, et al. Design, synthesis and anti-NASH effect evaluation of novel GFT505 derivatives in vitro and in vivo. Eur J Med Chem. 2023 Sep 5;257:115510.

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

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