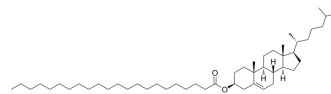


Cholesteryl behenate

Cat. No.:	HY-N2339		
CAS No.:	61510-09-6		
Molecular Formula:	C ₄₉ H ₈₈ O ₂		
Molecular Weight:	709.22		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	Ethanol : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)
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BIOLOGICAL ACTIVITY

Description	Cholesteryl behenate is a cholesterol ester associated with the neutral core of low density lipoprotein Receptor-LDL complexes are taken up by lysosomes and hydrolyzed to release cholesterol from the esters.
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- SSRN. 2023 Dec 20.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. M Krieger, et al. Replacement of endogenous cholesteryl esters of low density lipoprotein with exogenous cholesteryl linoleate. Reconstitution of a biologically active lipoprotein particle. J Biol Chem. 1978 Jun 25;253(12):4093-101.

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

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