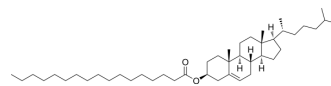


Cholesteryl heptadecanoate

Cat. No.:	HY-131389
CAS No.:	24365-37-5
Molecular Formula:	C ₄₄ H ₇₈ O ₂
Molecular Weight:	639.09
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Cholesteryl heptadecanoate is a cholesteryl ester internal standard that accurately determines the concentration of free cholesterol in cells without hydrolyzing triglycerides. Cholesteryl heptadecanoate can be used for the quantitative determination of cholesteryl esters by GC or LC mass spectrometry^[1].

REFERENCES

[1]. Cullen P, et al. An improved method for quantification of cholesterol and cholesteryl esters in human monocyte-derived macrophages by high performance liquid chromatography with identification of unassigned cholesteryl ester species by means of secondary ion mass spectrometry. *J Lipid Res.* 1997 Feb;38(2):401-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA