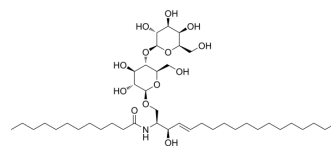


Trihexosylceramide (d18:1/12:0)

Cat. No.:	HY-W341625
CAS No.:	474943-80-1
Molecular Formula:	C ₄₂ H ₇₉ NO ₁₃
Molecular Weight:	806.08
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trihexosylceramide (d18:1/12:0) is a type of Trihexosylceramide. In the renal tissue of heterozygous Fabry's disease, the cytoplasm of glomerular epithelial cells appears foamy. Trihexosylceramide accumulated in glomerular epithelial cells as identified by immunostaining^{[1][2]}.

REFERENCES

- [1]. Wang JR, et al. Improved sphingolipidomic approach based on ultra-high performance liquid chromatography and multiple mass spectrometries with application to cellular neurotoxicity. *Anal Chem.* 2014 Jun 17;86(12):5688-96.
- [2]. Fukushima M, et al. A female heterozygous patient with Fabry's disease with renal accumulation of trihexosylceramide detected with a monoclonal antibody. *Am J Kidney Dis.* 1995 Dec;26(6):952-5.

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

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