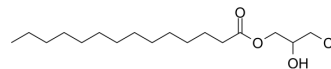


1-Myristoyl-3-chloropropanediol

Cat. No.:	HY-147152
CAS No.:	30557-03-0
Molecular Formula:	C ₁₇ H ₃₃ ClO ₃
Molecular Weight:	320.9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Myristoyl-3-chloropropanediol is a 3-monochloropropanediol (3-MCPD) fatty acid ester. 3-MPCD causes nephropathy and tubular hyperplasia and adenomas by chronic oral administration; also reduces fertility, or provokes infertility in rats and suppresses the immune function^[1].

REFERENCES

[1]. Hidalgo-Ruiz JL, et al. Determination of 3-monochloropropanediol esters and glycidyl esters in fatty matrices by ultra-high performance liquid chromatography-tandem mass spectrometry. J Chromatogr A. 2021 Feb 22;1639:461940.

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

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