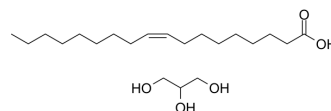


## Glycerol Monooleate

Cat. No.:	HY-N1446A
CAS No.:	25496-72-4
Molecular Formula:	C <sub>21</sub> H <sub>42</sub> O <sub>5</sub>
Molecular Weight:	374.56
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Glycerol Monooleate is a nontoxic, biodegradable and biocompatible, lipophilic glycerol fatty acid ester. Glycerol monooleate has hemolytic properties. glycerol monooleate is used as an emulsifier and an absorption enhancer in combination with bile salts. Glycerol Monooleate can be used in drug delivery systems and siRNA delivery in Vitro <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- J Extracell Vesicles. 2024 Jan;13(1):e12401.
- Redox Biol. 15 October 2021, 102168.
- Redox Biol. 2021 Jan;38:101807.
- J Exp Clin Cancer Res. 2019 Jul 10;38(1):300.
- Cell Death Dis. 2023 Aug 26;14(8):566.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Milak S, et al. Glycerol monooleate liquid crystalline phases used in drug delivery systems. Int J Pharm. 2015 Jan 30;478(2):569-87.

[2]. Zhen G, et al. Glycerol monooleate-based nanocarriers for siRNA delivery in vitro. Mol Pharm. 2012 Sep 4;9(9):2450-7.

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

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