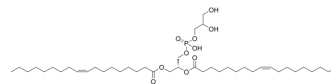


Dioleoylphosphatidylglycerol

Cat. No.:	HY-142980
CAS No.:	62700-69-0
Molecular Formula:	C ₄₂ H ₇₉ O ₁₀ P
Molecular Weight:	775.04
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dioleoylphosphatidylglycerol (DOPG) is a naturally occurring phospholipid that can be produced by the combined action of aquaporin 3 (AQP3) and phospholipase D2 (PLD2). Dioleoylphosphatidylglycerol inhibits macrophage inflammatory mediator production in response to heat shock protein B4 (HSPB4) activation of toll-like receptor 2 (TLR2) [1].

REFERENCES

[1]. Chang L, et al. Low-dose dioleoylphosphatidylglycerol (DOPG) inhibits heat shock protein B4 (HSPB4)-induced activation of toll-like receptor 2 (TLR2) in a reporter cell line. *Investigative Ophthalmology & Visual Science*, 2020, 61(7): 357-357.

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

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