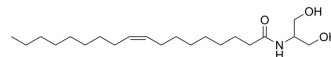


N-Oleoyl serinol

Cat. No.:	HY-122788
CAS No.:	72809-08-6
Molecular Formula:	C ₂₁ H ₄₁ NO ₃
Molecular Weight:	355.56
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Oleoyl serinol is a ceramide analog that can be used in stem cell therapy to prevent stem cells from developing into teratomas. N-Oleoyl serinol induces apoptosis in residual pluripotent embryoid body-derived cells (EBCs), prevents teratoma formation, and enriches EBC cells that undergo neural differentiation after transplantation^[1].

REFERENCES

[1]. Bieberich E, et al. Selective apoptosis of pluripotent mouse and human stem cells by novel ceramide analogues prevents teratoma formation and enriches for neural precursors in ES cell-derived neural transplants. *J Cell Biol.* 2004 Nov 22;167(4):723-34.

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

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