

pNPS-DHA

Cat. No.:	HY-139247
CAS No.:	2454246-25-2
Molecular Formula:	C ₂₈ H ₃₆ N ₂ O ₅ S
Molecular Weight:	512.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

pNPS-DHA (Compound 19) is an orally active DHA-ethanolamide (DHEA) derivative that has anti-allergic activity. pNPS-DHA inhibits IgE-dependent passive cutaneous anaphylaxis (PCA) reaction in mice. pNPS-DHA has anti-degranulating activity in RBL-2H3 mast cells with an IC₅₀ of 15 μM^[1].

REFERENCES

[1]. Kim IH, et al. Structure-Activity Relationships of Fish Oil Derivatives with Anti-allergic Activity in Vitro and in Vivo. J Med Chem. 2019 Nov 14;62(21):9576-9592.

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

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