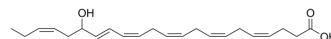


17-HDHA

| | |
|--------------------|---|
| Cat. No.: | HY-113512 |
| CAS No.: | 90780-52-2 |
| Molecular Formula: | C ₂₂ H ₃₂ O ₃ |
| Molecular Weight: | 344.49 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

17-HDHA is a DHA-derived specialized proresolving mediator (SPM). 17-HDHA enhances the antibody-mediated immune response against influenza virus. 17-HDHA enhances the differentiation of B cells toward the CD27⁺ CD38⁺ antibody-secreting cell phenotype, thereby strongly increasing IgM and IgG production by activated B cells^{[1][2]}.

REFERENCES

[1]. Ramon S, et al. The specialized proresolving mediator 17-HDHA enhances the antibody-mediated immune response against influenza virus: a new class of adjuvant? *J Immunol.* 2014 Dec 15;193(12):6031-40.

[2]. Ramon S, et al. Specialized proresolving mediators enhance human B cell differentiation to antibody-secreting cells. *J Immunol.* 2012 Jul 15;189(2):1036-42.

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

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