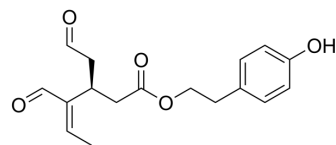


Oleocanthal

Cat. No.:	HY-124481
CAS No.:	289030-99-5
Molecular Formula:	C ₁₇ H ₂₀ O ₅
Molecular Weight:	304.34
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Oleocanthal is a COX-1/2 enzyme inhibitor and a nonsteroidal anti-inflammatory agent. Oleocanthal is obtained from virgin olive oil ^[1] .
IC ₅₀ & Target	COX-1/2 ^[1] .

REFERENCES

[1]. Smith AB 3rd, et al. Syntheses of (-)-oleocanthal, a natural NSAID found in extra virgin olive oil, the (-)-deacetoxy-oleuropein aglycone, and related analogues. J Org Chem. 2007 Aug 31;72(18):6891-900.

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

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