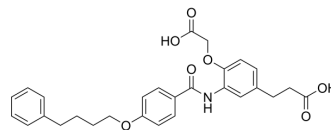


YM-17690

Cat. No.:	HY-100724
CAS No.:	108806-41-3
Molecular Formula:	C ₂₈ H ₂₉ NO ₇
Molecular Weight:	491.53
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

YM-17690 is a LTD₄ and LTE₄ agonist, with a pK_i value of 9.28 for [3H]LTD₄. It induces dose-dependent contractions in guinea pig ileum, lung parenchyma, and trachea, with EC₅₀ values of 16, 3.9, and 22 nM, respectively. YM-17690 can be used in research related to asthma and inflammation^[1].

REFERENCES

[1]. Tomioka K, et al. Isolated tissue and binding studies of YM-17690, a novel and non-analogous leukotriene agonist. J Pharm Pharmacol. 1987 Oct;39(10):819-24.

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

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