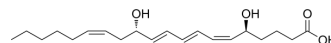


12-epi-LTB4

Cat. No.:	HY-137350
CAS No.:	83709-73-3
Molecular Formula:	C ₂₀ H ₃₂ O ₄
Molecular Weight:	336.47
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	12-epi-LTB4 is an agonist for BLT1 and BLT2. 12-epi LTB4 exhibits a partial agonistic activity against mBLT1 and mBLT2, and induces phosphorylation of extracellular signal-regulated kinase in primary mouse keratinocytes ^{[1][2]} .
In Vivo	BLT1 and BLT2 ^[1] MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Yokomizo T, et al. Hydroxyeicosanoids bind to and activate the low affinity leukotriene B4 receptor, BLT2. J Biol Chem. 2001 Apr 13;276(15):12454-9.
- [2]. Iizuka Y, et al. Characterization of a mouse second leukotriene B4 receptor, mBLT2: BLT2-dependent ERK activation and cell migration of primary mouse keratinocytes. J Biol Chem. 2005 Jul 1;280(26):24816-23.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA