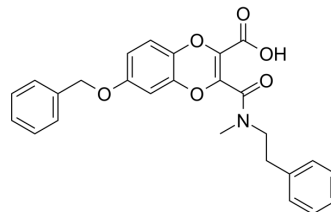


LTB4 antagonist 2

Cat. No.:	HY-149083
CAS No.:	2929239-85-8
Molecular Formula:	C ₂₆ H ₂₃ NO ₆
Molecular Weight:	445.46
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LTB4 antagonist 2, a carboxamide-acid compound, is an antagonist of leukotriene B4 (LTB4) with potentially anti-inflammatory activity. LTB4 antagonist 2 shows good affinity for the LTB4 receptor with IC ₅₀ of 439 nM ^[1] .
IC ₅₀ & Target	LTB ₄ 439 nM (IC ₅₀)
In Vitro	LTB4 antagonist 2 (compound 24c) (0.1 μM, 10 μM) shows the inhibition of specific binding LTB4, with 25% and 95% inhibitory rates at 0.1 μM and 10 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bouissane L, et al. New and promising type of leukotriene B4 (LTB4) antagonists based on the 1,4-benzodioxine structure. Eur J Med Chem. 2023 Jun 5;254:115332.

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

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