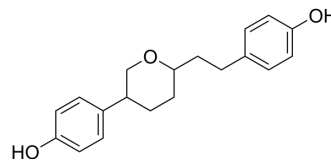


ALR-27

Cat. No.:	HY-155408
CAS No.:	903639-13-4
Molecular Formula:	C ₁₉ H ₂₂ O ₃
Molecular Weight:	298.38
Target:	FLAP
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ALR-27 is an antagonist of the 5-lipoxygenase (5-LOX) activating protein FLAP and has anti-inflammatory activity. ALR-27 potently inhibits 5-LOX product formation (>80%) in pro-inflammatory M1-MDM, with no significant direct inhibition of 5-LOX. ALR-27 not only reduces prostaglandin and leukotriene (LT) production in neutrophils but also increases the production of specialized prolytic mediators in specific human macrophage phenotypes ^[1] .
IC ₅₀ & Target	FLAP ^[1]

REFERENCES

[1]. Cerchia C et al. Identification of selective 5-LOX and FLAP inhibitors as novel anti-inflammatory agents by ligand-based virtual screening. Eur J Med Chem. 2023 Nov 8;263:115932.

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