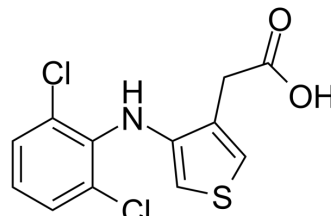


Eltenac

Cat. No.:	HY-106093
CAS No.:	72895-88-6
Molecular Formula:	C ₁₂ H ₉ Cl ₂ NO ₂ S
Molecular Weight:	302.18
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Eltenac, a non-steroidal anti-inflammatory drug (NSAID), is a COX inhibitor. Eltenac shows IC ₅₀ of 0.03 μM for both COX-1 and COX-2 in isolated human whole blood ^[1] .	
IC₅₀ & Target	COX-1 0.03 μM (IC ₅₀)	COX-2 0.03 μM (IC ₅₀)
In Vitro	Eltenac (10 mg/kg; p.o.; Female Sprague-Dawley rats weighing 150-190; rat paw edema model) efficaciously reduces the increase in paw volume by 52% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Klein T., et al. Characterization of eltenac and novel COX-2 selective thiopheneacetic acid analogues in vitro and in vivo. *Biochem Pharmacol.* 2008;76(6):717-725.

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

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