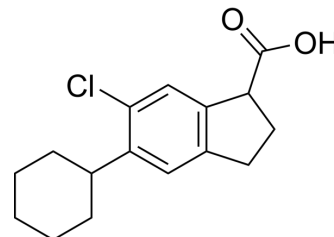


Clidanac

Cat. No.:	HY-121292
CAS No.:	34148-01-1
Molecular Formula:	C ₁₆ H ₁₉ ClO ₂
Molecular Weight:	278.77
Target:	Mitochondrial Metabolism; Oxidative Phosphorylation
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Clidanac is a potent anti-inflammatory agent. Clidanac can uncouple the oxidative phosphorylation and can be used for the research of rheumatoid arthritis ^[1] .
In Vitro	Clidanac can uncouple the oxidative phosphorylation and no difference in the uncoupling potency of the two enantiomorphs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. K Kawai, et al. The effect of clidanac, a potent anti-inflammatory drug, on mitochondrial respiration: a consideration on the uncoupling activity of optical enantiomers. Res Commun Chem Pathol Pharmacol. 1984 Sep;45(3):399-406.

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

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