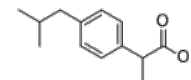


Product Name : Ibuprofen
Cat. No. : PC-22190
CAS No. : 15687-27-1
Molecular Formula : C₁₃H₁₈O₂
Molecular Weight : 206.29
Target : Cyclooxygenase (COX)
Solubility : 10 mM in DMSO



Biological Activity

Ibuprofen ((±)-Ibuprofen) is a potent, orally active, selective cyclooxygenase-1 (COX-1) inhibitor with IC₅₀ value of 13 μM, inhibits cell proliferation, angiogenesis, and induces cell apoptosis, is a nonsteroidal anti-inflammatory agent and a nitric oxide (NO) donor.

References

Hassan Akrami, et al. Tumour Biol. 2015 May;36(5):3237-43.

M W Konstan, et al. Am Rev Respir Dis. 1990 Jan;141(1):186-92.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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