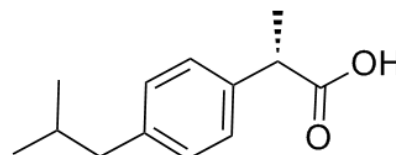


Product Name : (S)-(-)-Ibuprofen
Cat. No. : PC-45989
CAS No. : 51146-56-6
Molecular Formula : C₁₃H₁₈O₂
Molecular Weight : 206.2808
Target : Cyclooxygenase (COX)
Solubility :



Biological Activity

An enantiomer of Ibuprofen that more potently inhibits COX activity, thromboxane formation, and platelet aggregation than the (R)-form; also inhibits activation of NF- κ B more effectively than (R)-ibuprofen (IC₅₀=62 and 122 μ M, respectively).

References

- Evans AM, et al. Br J Clin Pharmacol. 1991 Feb;31(2):131-8.
Villanueva M, et al. Br J Clin Pharmacol. 1993 Mar;35(3):235-42.
Scheuren N, et al. Br J Pharmacol. 1998 Feb;123(4):645-52.

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

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