

For Research Use Only
(R)-(-)-Ibuprofen

Catalog Number: CM01143

产品信息

Catalog Number:
CM01143

CAS号:
51146-57-7

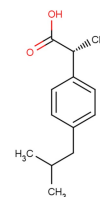
分子式:
C₁₃H₁₈O₂

主要靶点:
NF- κ B

主要通路:
NF- κ B信号通路

分子量:
206.28

溶解度:
DMSO:45 mg/mL (218.15 mM)



体外活性

(R)-(-)-Ibuprofen is involved in pathways of lipid metabolism and is incorporated into triglycerides along with endogenous fatty acids. (R)-(-)-Ibuprofen inhibits NF- κ B Luciferase activity (IC₅₀: 121.8 μ M), weaker than that of S(+)-ibuprofen (IC₅₀, 61.7 μ M). (R)-(-)-Ibuprofen (1 μ M) significantly decreases NF- κ B activation and fully prevents NF- κ B induction at 10 μ M. Furthermore, (R)-(-)-Ibuprofen (10 mM) has no effect on HSF [1][2].

描述

(R)-(-)-Ibuprofen is the R enantiomer of Ibuprofen and inhibits NF- κ B activation. (R)-(-)-Ibuprofen has anti-inflammatory and antinociceptive effects.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years