



LKT Laboratories, Inc.

S-(+)-Ibuprofen

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Product Information

Product ID I0482

CAS No. 51146-56-6

Chemical Name (+)-2-(4-Isobutylphenyl)-propionic Acid

Synonym

Formula C₁₃H₁₈O₂

Formula Wt. 206.28

Melting Point 51-53 °C

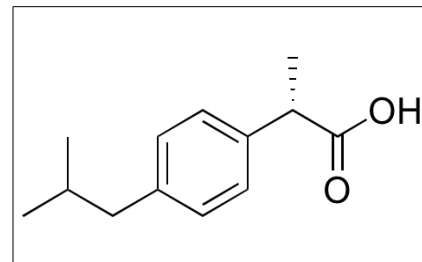
Purity ≥98%

Solubility Soluble in methanol, DMSO and ethanol.

Store Temp Ambient

Ship Temp Ambient

Description S-(+)-Ibuprofen is the optically active isomer of ibuprofen, a non-steroidal anti-inflammatory drug (NSAID) that non-selectively inhibits COX-1 and COX-2. Ibuprofen exhibits anti-inflammatory, antipyretic, analgesic, and neuroprotective activities. This compound displays protective efficacy against Alzheimer's disease when administered clinically.



Bulk quantities available upon request

Product ID	Size
I0482	1 g
I0482	5 g
I0482	25 g

References Vlad SC, Miller DR, Kowall NW, et al. Protective effects of NSAIDs on the development of Alzheimer disease. *Neurology*. 2008 May 6;70(19):1672-7. PMID: 18458226.

Van Esch A, Van Steensel-Moll HA, Steyerberg EW, et al. Antipyretic efficacy of ibuprofen and acetaminophen in children with febrile seizures. *Arch Pediatr Adolesc Med*. 1995 Jun;149(6):632-7. PMID: 7767417.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.