



LKT Laboratories, Inc.

D,L-Naproxen

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Product Information

Product ID N0062

CAS No. 22204-53-1

Chemical Name (+)-(S)-6-Methoxy- α -methyl-2-naphthaleneacetic acid

Synonym Artagen, Danaprox, Nafasol, Sutolin, naproxen

Formula C₁₄H₁₄O₃

Formula Wt. 230.26

Melting Point 152-154°C

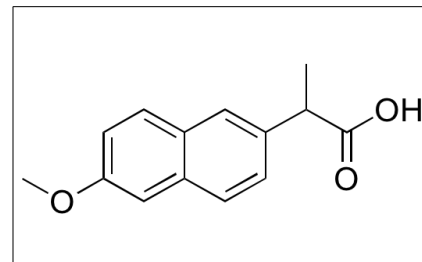
Purity ≥96%

Solubility Insoluble in water. Soluble
in acetone or ethanol.

Store Temp 4°C

Ship Temp Ambient

Description Naproxen is a propionic non-steroidal anti-inflammatory drug (NSAID) that exhibits antipyretic, analgesic, anti-inflammatory, and antiviral activities. Naproxen inhibits COX-1 and COX-2 and is clinically used to treat fever, swelling, and pain. In vitro, naproxen inhibits influenza virus infection through binding of the nucleoprotein and preventing initiation of transcription and replication.



Bulk quantities available upon request

Product ID	Size
N0062	1 g
N0062	10 g
N0062	25 g
N0062	100 g

References Lejal N, Tarus B, Bouguyon E, et al. Structure-based discovery of the novel antiviral properties of naproxen against the nucleoprotein of influenza A virus. *Antimicrob Agents Chemother.* 2013 May;57(5):2231-42. PMID: 23459490.

Duggan KC, Walters MJ, Musee J, et al. Molecular basis for cyclooxygenase inhibition by the non-steroidal anti-inflammatory drug naproxen. *J Biol Chem.* 2010 Nov 5;285(45):34950-9. PMID: 20810665.

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