



LKT Laboratories, Inc.

Nabumetone

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Product Information

Product ID N0205

CAS No. 42924-53-8

Chemical Name 4-(6-Methoxy-2-naphthalenyl)-2-butanone

Synonym Arthaxan, Balmox, Consolan, Nabuser, Relafen, Relifen

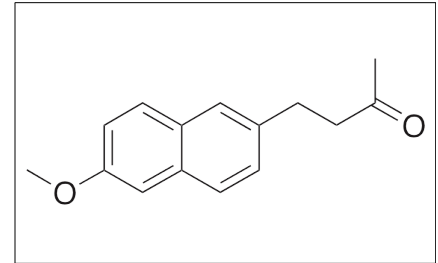
Formula C₁₅H₁₆O₂

Formula Wt. 228.29

Melting Point 80° C

Purity ≥98%

Solubility Soluble in DMSO. Insoluble in water.



Bulk quantities available upon request

Product ID	Size
N0205	5 g
N0205	25 g

Store Temp Ambient

Ship Temp Ambient

Description Nabumetone is a 1-naphthalenacetic acid derivative non-steroidal anti-inflammatory drug (NSAID) that inhibits COX-2. Nabumetone exhibits anti-inflammatory, analgesic, anticancer, and chemopreventive activities. In vivo, nabumetone inhibits intestinal carcinogenesis. In vitro, this compound induces apoptosis in colon cancer cells.

References Paul S, Das N, Ghosh S. The effects of aceclofenac and nabumetone in osteoarthritis. *JNMA J Nepal Med Assoc.* 2009 Apr-Jun;48 (174):121-5. PMID: 20387351.

Roy HK, Karoski WJ, Ratashak A, et al. Chemoprevention of intestinal tumorigenesis by nabumetone: induction of apoptosis and Bcl-2 downregulation. *Br J Cancer.* 2001 May 18;84(10):1412-6. PMID: 11355956.

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