



LKT Laboratories, Inc.

Phenylbutazone

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Product Information

Product ID P2810

CAS No. 50-33-9

Chemical Name 4-Butyl-1,2-diphenyl-3,5-pyrazolidinedione

Synonym Ambene, Artrizin, Butadion, Butoz, Equipalazone, Fenibutol, Intrabutazone, Phenylene, Tevcodyne, Uzone

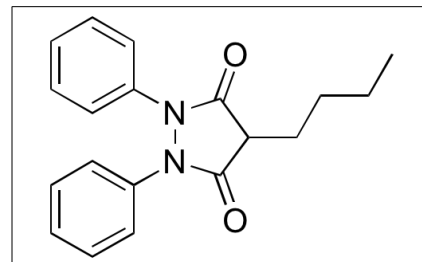
Formula $C_{19}H_{20}N_2O_2$

Formula Wt. 308.37

Melting Point 105°C

Purity ≥98%

Solubility Soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P2810	25 g	\$45.70
P2810	100 g	\$121.20

Store Temp Ambient

Ship Temp Ambient

Description Phenylbutazone is a non-steroidal anti-inflammatory drug (NSAID) that inhibits COX-1 and COX-2 activity; it is no longer used in humans, but was previously used to treat inflammatory diseases such as arthritis and gout. Phenylbutazone exhibits anti-inflammatory, analgesic, antipyretic, and antioxidative activities. In vivo, phenylbutazone decreases edema; in separate cellular models, it inhibits activity of myeloperoxidase. TEST!!!!!!

References Cusan C, Altinier G, Sosa S, et al. Anti-inflammatory and anti-oxidant activity of a new class of phenyl-pyrazolone derivatives. *Curr Drug Discov Technol.* 2006 Mar;3(1):67-73. PMID: 16712464.

Kettle AJ, Winterbourn CC. Mechanism of inhibition of myeloperoxidase by anti-inflammatory drugs. *Biochem Pharmacol.* 1991 May 15;41(10):1485-92. PMID: 1850278.

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