



LKT Laboratories, Inc.

Diffunisal

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Product Information

Product ID D3322

CAS No. 22494-42-4

Chemical Name 2',4'-Difluoro-4-hydroxy-[1,1'-biphenyl]-3-carboxylic acid

Synonym Adomal, Difludol, Dolisal, Dolobid, Dolobis, Flovacil, Fluniget, Fluodonil

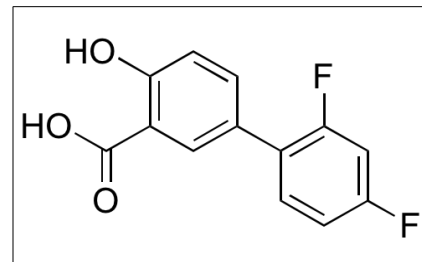
Formula C₁₃H₈F₂O₃

Formula Wt. 250.20

Melting Point 210-211 °C

Purity ≥98%

Solubility Sparingly soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D3322	5 g	\$52.50
D3322	10 g	\$104.90
D3322	50 g	\$374.60

Store Temp Ambient

Ship Temp Ambient

Description Diflunisal is a long-acting non-steroidal anti-inflammatory drug (NSAID) that is clinically used to treat arthritis and dental pain. Diflunisal inhibits COX-1 and COX-2, exhibiting anti-inflammatory, antipyretic, analgesic, and antiviral activities. In vitro, diflunisal inhibits docking of HIV-1 to LEDGF/p75, preventing viral integration.

References Hu G, Li X, Sun X, et al. Identification of old drugs as potential inhibitors of HIV-1 integrase - human LEDGF/p75 interaction via molecular docking. J Mol Model. 2012 Dec;18(12):4995-5003. PMID: 22733274.

Lawton GM, Chapman PJ. Diflunisal--a long-acting non-steroidal anti-inflammatory drug. A review of its pharmacology and effectiveness in management of postoperative dental pain. Aust Dent J. 1993 Aug;38(4):265-71. PMID: 8216032.

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