



LKT Laboratories, Inc.

Indapamide

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Product Information

Product ID I5414

CAS No. 26807-65-8

Chemical Name 3-(Aminosulfonyl)-4-chloro-NN-(2,3-dihydro-2-methyl-1H-indol-1-yl)benzamide

Synonym S-1520, Bajaten, Fludex, Indamol, Lozol, Natrilix, Veroxil

Formula C₁₆H₁₆ClN₃O₃S

Formula Wt. 365.84

Melting Point 160-162 °C

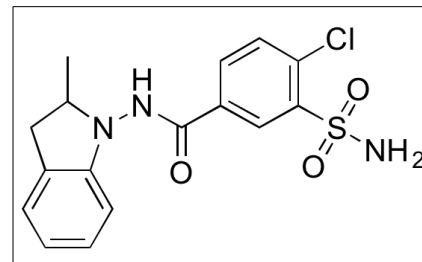
Purity ≥98%

Solubility Soluble in methanol, acetic acid and ethyl acetate. Slightly soluble in chloroform.

Store Temp Ambient

Ship Temp Ambient

Description Indapamide is a thiazide-like diuretic that exhibits antihypertensive and anti-fibrotic activities. Indapamide is clinically used to treat hypertension and heart failure. Indapamide blocks the slow component of delayed rectifier currents (Kv7.1 and minK), potentially causing QT prolongation. In subjects with diabetes, indapamide decreases urine output and serum K⁺ and Cl⁻ levels and increases renin activity. In spontaneously hypertensive rats, indapamide prevented increases in systolic blood pressure and the development of myocardial fibrosis without affecting NOS expression and NO levels. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

| Product ID | Size | List Price |
|------------|--------|------------|
| I5414 | 250 mg | \$52.50 |
| I5414 | 1 g | \$67.40 |
| I5414 | 5 g | \$224.70 |

References Janega P, Kojsová S, Jendeková L, et al. Indapamide-induced prevention of myocardial fibrosis in spontaneous hypertension rats is not nitric oxide-related. *Physiol Res.* 2007;56(6):825-8. PMID: 18197750.

Letsas KP, Alexanian IP, Pappas LK, et al. QT interval prolongation and torsade de pointes associated with indapamide. *Int J Cardiol.* 2006 Oct 10;112(3):373-4. PMID: 16260053.

Peng H, Zhou Z, Zhao W, et al. Study on the antidiuretic efficacy and mechanism of indapamide in central diabetes insipidus. *Hunan Yi Ke Da Xue Xue Bao.* 1999;24(3):259-62. PMID: 12016800.

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