

Product Data Sheet

Product Name: Indapamide

Cat. No.: GC13824

Chemical Properties

Cas. No. 26807-65-8

Chemical Name 4-chloro-N-(2-methyl-2,3-dihydroindol-1-yl)-3-sulfamoylbenzamide

SMILES CC1CC2=CC=CC=C2N1NC(=O)C3=CC(=C(C=C3)Cl)S(=O)(=O)N

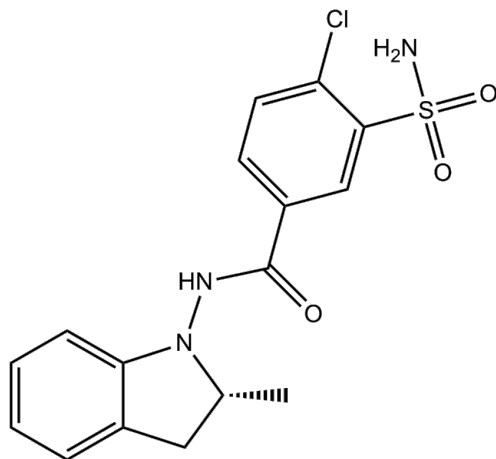
Formula $C_{16}H_{16}ClN_3O_3S$ M.Wt 365.83

Solubility $\geq 12.95\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Indapamide is a non-thiazide sulphonamide diuretic compound, generally used in the treatment of hypertension, as well as decompensated cardiac failure. Target: Potassium Channel. Indapamide is a thiazide-like diuretic drug marketed by Servier, generally used in the treatment of hypertension, as well as decompensated cardiac failure. The US trade name for indapamide is Lozol. It is described as a thiazide-like diuretic. From Wikipedia Indapamide evidently induces redistribution of the cardiac

Caution: Product has not been fully validated for medical applications. For research use only.

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output, with enhanced muscle blood flow and reduced renal perfusion, and that AVP does not seem to be involved in blood pressure regulation in mild to moderate essential hypertension under basal conditions [1]. Indapamide SR provides an effective option for initial antihypertensive monotherapy and a basis for multidrug antihypertensive strategies[2] .

References:

- [1]. Pedersen, E.B., H. Danielsen, and E.S. Spencer, Effect of indapamide on renal plasma flow, glomerular filtration rate and arginine vasopressin in plasma in essential hypertension. Eur J Clin Pharmacol, 1984. 26(5): p. 543-7.
- [2]. Robinson, D.M. and K. Wellington, Indapamide sustained release: a review of its use in the treatment of hypertension. Drugs, 2006. 66(2): p. 257-71.

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