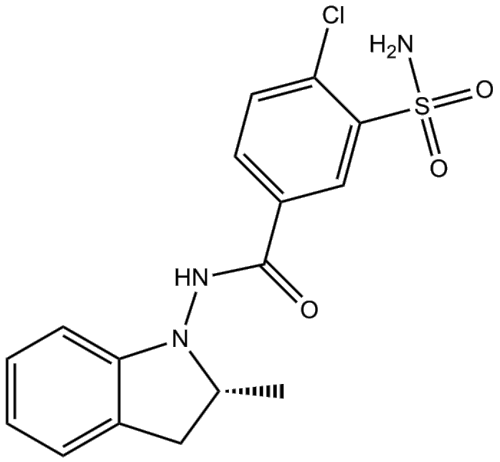
Product Data Sheet

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	≥ 12.95mg/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 ChannelIndapamide 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 WikipediaIndapamide evidently induces redistribution of the cardiac

output, with enhanced muscle blood flow and reduced renal perfussion, 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.

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