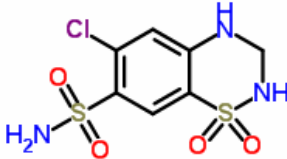


Name	HYDROCHLOROTHIAZIDE
Structure	
Systematic name	6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide
Formula	C ₇ H ₈ ClN ₃ O ₄ S ₂
MW	297.739
Monoisotopic mass	296.964474846
Mp	273-275°C
H bond acceptors	7
H bond donors	4
Acid pKa	9.09 (primary sulphonamide); 9.83 (secondary sulphonamide); 11.31 (aniline)
Basic pka	--
ACD Log D pH 5.5	-0.07
ACD Log D pH 7.4	-0.09
Solubility	water
LD50	3080 mg/Kg mouse p.o.
Therapeutic cat	diuretic
ATC	C03AA03 C CARDIOVASCULAR SYSTEM C03 DIURETICS C03A LOW-CEILING DIURETICS, THIAZIDES C03AA Thiazides, plain
C03AB03 hydrochlorothiazide and potassium	
C03EA01 hydrochlorothiazide and potassium-sparing agents	
C03AX01 hydrochlorothiazide, combinations	
Receptors	nephron electroneutral Na ⁺ -Cl ⁻ co-transporter

Nomi commerciali (IT)	
ESIDREX	A, RR, compresse
ACCURETIC, ACEDIUR, ACEPLUS, ACEQUIDE, ACESISTEM, ALDACTAZIDE, AVEDAR, BENAZEPRIL IDR., BIFRIZIDE, BLOPRESID, CAPTOPRIL IDR., CIBADREX, CLORISIP, COAPROVEL, COMBISARTAN, CONDIUREN, CORIXIL, COTAREG, ELEKTRA, ENALAPRIL IDR., ENEFIN, ENSOR, ENULID, ESIDREX, FEMIPRES, FORZAAR, FOSICOMBI, FOSINOPRIL IDR., GENTIPRESS, HERZAPLUS, HIZAAR, IDROQUARK, INIBACE, INITISS, IVREX, KARVEZIDE, KRUPLUS, LISINOPRIL IDR., LOBIDIUR, LODOZ, LOSARTAN IDR., LOSAZID, LOZID, MICARDIPLUS, MODURETIC, NALAPRES, NEOLOTAN, NEOPREX, NOBIZIDE, NORAZIDE, OLMEGAN, OLPREZIDE, PLAUNAZIDE, PRECTIAZIDE, PRINZIDE, PRITORPLUS, QUINALAPRIL IDR., QUINAZIDE, RAMIPRIL IDR., RATAACAND, SINERTEC, SPIRIDAZIDE, TENSADIUR, TENSOZIDE, TIARTAN, TRIATEC HCT, UNIPRIL DIUR, VASORETIC, ZANTIPRIDE, ZESTORETIC, ZINADIUR	associazione con antiipertensivi