

Diltiazem hydrochloride (USP)

General Properties

Physical form and appearance White odorless crystalline powder or small crystals

Physical state solid

Form powder

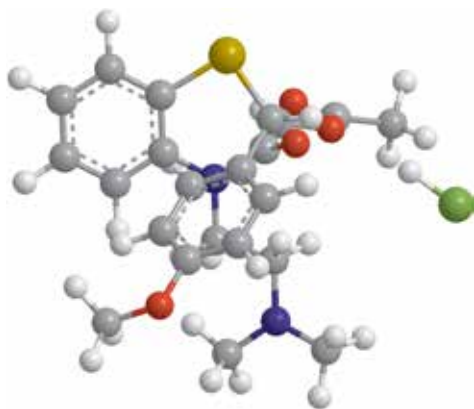
Molecular weight 450.98

Molecular formula $C_{22}H_{26}N_2O_4S \cdot HCl$

Identification HPLC

Solubility Freely soluble in chloroform, in formic acid, in methanol, and in water. Sparingly soluble in dehydrated alcohol, insoluble in ether.

Storage Preserve in well-closed, light resistant containers.



International nonproprietary name (INN)
Diltiazem hydrochloride

IUPAC Name

[(2S,3S)-5-[2-(dimethylamino)ethyl]-2-(4-methoxyphenyl)-4-oxo-2,3-dihydro-1,5-benzothiazepin-3-yl] acetate; hydrochloride

Cas registry No.

33286-22-5

indication

Non-Dihydropyridine calcium channel blocker

structure

