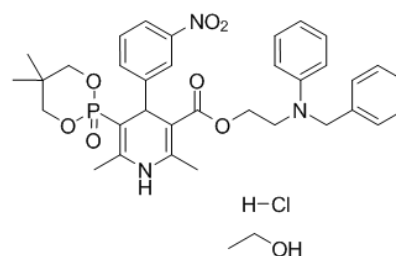


Product Name : Efonidipine hydrochloride monoethanolate
Cat. No. : PC-43070
CAS No. : 111011-76-8
Molecular Formula : C₃₆H₄₅ClN₃O₈P
Molecular Weight : 714.1846
Target : Calcium Channel
Solubility : DMSO: 8.5 mg/mL



Biological Activity

Efonidipine (NZ-105) is a potent, dual T-type and L-type calcium channel blocker, exhibits antihypertensive effect through vasodilatation; increases coronary blood flow by blocking L & T-type calcium channels and attenuates myocardial ischaemia, lowers blood pressure in cerebral resistance vessels and prevents hypertension induced brain damage; increases glomerular filtration rate without increasing intra-glomerular pressure and filtration fraction.

References

- Masuda Y, et al. Arch Int Pharmacodyn Ther. 1990 Mar-Apr;304:247-64.
Tamura T, et al. Naunyn Schmiedebergs Arch Pharmacol. 1991 Apr;343(4):405-10.
Shudo C, et al. Gen Pharmacol. 1994 Nov;25(7):1451-8.
Yamashita T, et al. Jpn J Pharmacol. 1991 Nov;57(3):337-48.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com