

GBR 12909 Dihydrochloride [67469-78-7]

#Cat: NB-48-0440-10MG Size: 10mg

#Cat: NB-48-0440-50MG Size: 50mg

Chemical Name :

1-(2-(Bis-(4-fluorophenyl)methoxy)ethyl)-4-(3-phenylpropyl)piperazine dihydrochloride; Vanoxerine .

1. Physical And Chemical Properties :

Batch Molecular Formula : C₂₈H₃₂F₂N₂O .2HCl

Batch Molecular Weight : 523.49

CAS No : [67469-78-7]

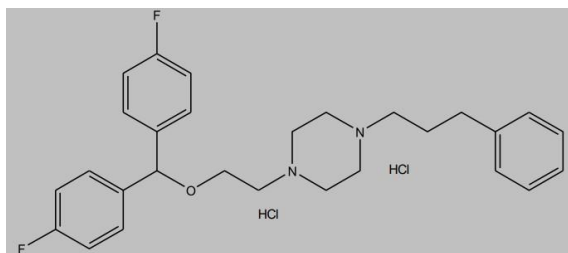
Physical Appearance : White solid

Melting Point :

Solubility : Soluble to 30 mg/ml in DMSO (with warming) or to 10 mg/ml in water

Storage : Desiccate at RT

Batch Molecular Structure :



Product Description :

Potent, competitive dopamine uptake inhibitor ($K_i = 1$ nM for inhibition of striatal dopamine uptake). Displays > 100-fold lower affinity for 5-HT and noradrenaline uptake carriers. Also a potent σ ligand ($IC_{50} = 48$ nM).

References :

1. Heikkila and Manzino (1984) Eur J Pharmacol 103:241;
2. Andersen (1989) Eur J Pharmacol 166:493;
3. Contreras et al. (1990) Life Sci 47:PL133;
4. Spealman and Melia (1991) J Pharmacol Exp Ther 258:626

2. Analytical Data :

HPLC : corresponds to the reference

MS : corresponds to the reference

Tests : HPLC Assay: > 98% (complies).

- CAUTION - Not fully tested. For Research use only. Not for human use. –