

DATA SHEET

Product Name: GBR-12909

Catalog #: CV-1009

Alt: CAS # 67469-78-7; 1-[2-[Bis-(4-fluorophenyl)methoxy]ethyl]-4-(3phenylpropyl)piperazine dihydrochloride

Molecular Mass: 523.5

Analysis: >98% (TLC); NMR (conforms)

Supplied As: White powder

Resuspension: Soluble to DMSO (30 mg/ml, warm); or water (10 mg/ml, warm)

Storage: Store desiccated as supplied at RT for up to 2 years. Store stock solutions at -20°C for one month.

Description: Potent and selective inhibitor of dopamine reuptake ($K_i = 1 \text{ nM}$) with greater than 100-fold selectivity over serotonin and noradrenaline¹. Also acts as a potent sigma receptor ligand². Very fast acting via i.v. administration³.

References:

1. Andersen, P.H., et al., (1989) Eur. J. Pharmacol., 166 : 493
2. Contreras, P.C., et al., (1990) Life Sci., 47: PL133
3. Yorgason, J.T., et al., (2011) Neuroscience, 182 : 125

For research use only. Not for use in humans.