

GBR-12909 2HCl, Dopamine reuptake inhibitor

Catalog	Unit
TBI1458-10MG	10 mg
TBI1458-50MG	50 mg

Product Details

Formal Name: 1-[2-[Bis-(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine dihydrochloride

Alternate Names: Vanoxerine

Molecular Formula: C₂₈H₃₂F₂N₂O · 2HCl

Formula Weight: 523.50

CAS Number: 67469-78-7

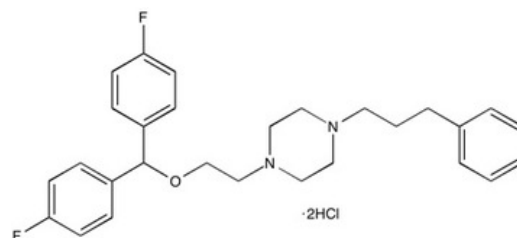
Purity: >98%

Formulation: Powder

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

Storage: Room temperature

Stability: ≥ 2 years.



Applications

Dopamine reuptake inhibitor

Functions

Potent and selective inhibitor of dopamine reuptake (K_i = 1 nM) with greater than 100 fold selectivity over serotonin and noradrenaline. Also acts as a potent sigma receptor ligand. Very fast acting via i.v. administration.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml with warming) or in Water (up to 10 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 1 month.

For research use only.