

## Norfluoxetine HCl, Fluoxetine Metabolite

Catalog	Unit
TBI2671-5MG	5 mg
TBI2671-25MG	25 mg

### Product Details

**Formal Name:** 3-Phenyl-3-(4-trifluoromethyl-phenoxy)-propylamine hydrochloride (racemic)

**Alternate Names:** Desmethylfluoxetine

**Molecular Formula:** C<sub>16</sub>H<sub>16</sub>F<sub>3</sub>NO HCl

**Formula Weight:** 331.80

**CAS Number:** 57226-68-3

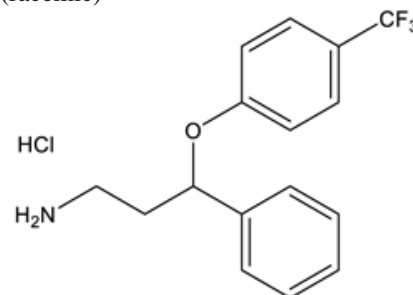
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 35 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Fluoxetine Metabolite

### Functions

Metabolite of fluoxetine. Induces long QT syndrome via slow delayed rectifier potassium current block. Time dependent inhibitor of CYP2C19 and CYP3A4. The S-isomer of desmethylfluoxetine is the active N-demethylated metabolite responsible for the persistently potent and selective inhibition of serotonin uptake in vivo. Potent inhibitor of coxsackievirus replication acting via inhibition of viral RNA synthesis. State-dependent TREK-2 blocker.

### Application Procedures

First dissolved in DMSO (up to at least 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**