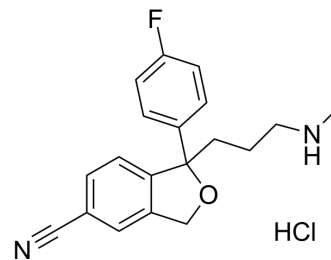


## Desmethylcitalopram hydrochloride

Cat. No.:	HY-113739
CAS No.:	97743-99-2
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> ClFN <sub>2</sub> O
Molecular Weight:	346.83
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Desmethylcitalopram (DCIT) hydrochloride is the active metabolite of Citalopram (HY-121203). Desmethylcitalopram has antidepressant effects. Desmethylcitalopram also inhibits cytochrome P450-2D6, -2C19 with IC<sub>50</sub>s of 39.5 and 53.5 μM<sup>[1]</sup>.

### REFERENCES

[1]. von Moltke LL, et al. Citalopram and desmethylcitalopram in vitro: human cytochromes mediating transformation, and cytochrome inhibitory effects. *Biol Psychiatry*. 1999 Sep 15;46(6):839-49.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA