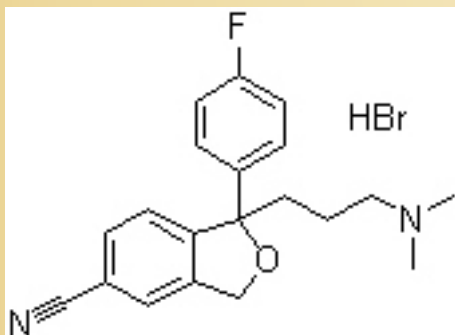


Citalopram hydrobromide (Cas No 59729-32-7)

Molecular Structure



Citalopram hydrobromide Synonyms 1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile hydrobromide

CAS Registry Number 59729-32-7

Molecular Formula

$C_{20}H_{21}FN_2O \cdot HBr$; $C_{20}H_{22}BrFN_2O$

Molecular Weight 405.31

EINECS 261-890-6

Melting point 182-188 °C

Chemical data

Formula $C_{20}H_{21}FN_2O$ Mol. mass 324.392 g/mol

Pharmacokinetic data

Bioavailability 80%

Metabolism hepatic (CYP3A4 & CYP2C19)

Half life 35 hours

Excretion Mostly as unmetabolized Citalopram, partly DCT and traces of DDCT in urine