

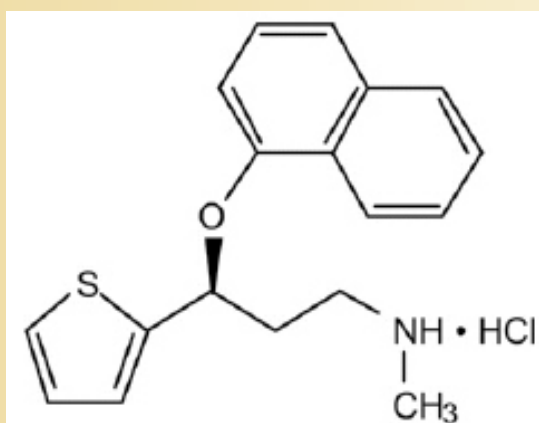
## Duloxetine Hcl (Cas No 136434-34-9)



Duloxetine HCl

CAS number 136434-34-9

Structural Formula :



Systematic (IUPAC) name

(+)-(S)-N-Methyl-3-(naphthalen-1-yloxy)-  
3-(thiophen-2-yl)propan-1-amine

Identifiers

CAS number 116539-59-4 (free base). 136434-34-9 (hydrochloride)

ATC code N06AX21

PubChem 60835

DrugBank APRD00060

ChemSpider 54822

Chemical data

Formula C<sub>18</sub>H<sub>19</sub>NOS Mol. mass 297.41456 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability ~ 50% (32% to 80%)

Protein binding ~ 95%

Metabolism Liver, two P450 isozymes, CYP2D6 and CYP1A2.

Half life 12,1 hours

Excretion 70% in urine, 20% in feces