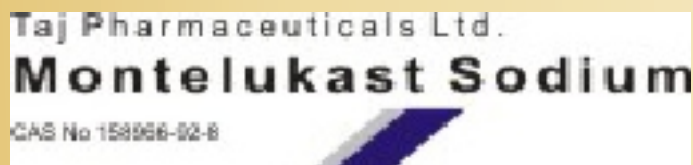


Montelukast Sodium (Cas No 158966-92-8)



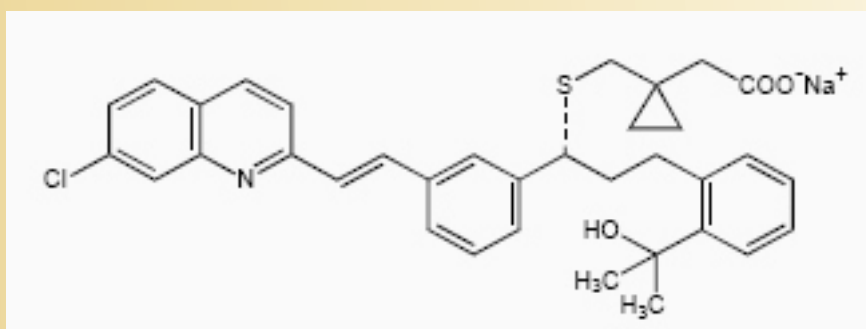
Montelukast Sodium

CAS number 158966-92-8

Structure

Systematic (IUPAC) name

2-[1-[[[(1R)-1-[3-[2-(7-chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(2-hydroxypropan-2-yl)phenyl]propyl]sulfanyl]methyl]cyclopropyl]acetic acid



Identifiers

ATC code R03DC03

PubChem 60951

DrugBank APRD00434

Chemical data

Formula C₃₅H₃₆ClNO₃S Mol. mass 586.184 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability 63% to 73%

Protein binding 99%

Metabolism Hepatic (CYP3A4 and CYP2C9-mediated)

Half life 2.7-5.5 hours

Excretion Biliary