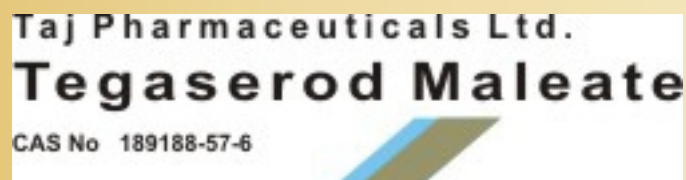


Tegaserod Maleate (Cas No 189188-57-6)



Tegaserod Maleate

CAS number 189188-57-6

Formula Structure :

Systematic (IUPAC) name

(2E)-2-[(5-Methoxy-1H-indol-3-yl)methylene]-N-pentylhydrazide

Identifiers

CAS number 189188-57-6

ATC code A03AE02

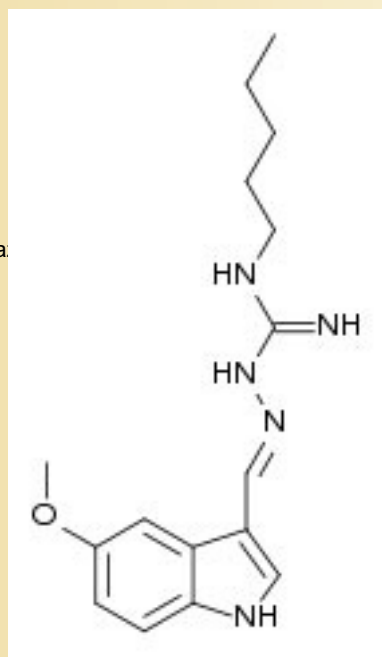
PubChem 6918369

DrugBank APRD00096

Chemical data

Formula C₁₆H₂₃N₅O Mol. mass 301.39 g/mol

SMILES eMolecules & PubChem



Pharmacokinetic data

Bioavailability 10%

Protein binding 98%

Metabolism Gastric and hepatic

Half life 11 ± 5 hours

Excretion Fecal and renal

Tegaserod Maleate contain tegaserod as the hydrogen maleate salt.

As the maleate salt, tegaserod is chemically designated as 3-(5-methoxy-1H-indol-3-ylmethylene)-N-pentylcarbazimidamide hydrogen maleate. Its empirical formula is C₁₆H₂₃N₅O.C₄H₄O₄.

The molecular weight is 417.47Tegaserod as the maleate salt is a white to off-white crystalline powder and is slightly soluble in ethanol and very slightly soluble in water. Each 1.385 mg of tegaserod as the maleate is equivalent to 1 mg of tegaserod.