

BICALUTAMIDE (Cas No 90357-06-5)

GENERIC NAME: BICALUTAMIDE-ORAL (bye-kah-LEW-tuh-mide)

The structural and empirical formulas are:

CAS number 90357-06-5

Chemical data

Formula C₁₈H₁₄F₄N₂O₄S Mol. mass 430.373 g/mol

Bicalutamide has a molecular weight of 430.37. The pKa' is approximately 12.

Bicalutamide is a fine white to off-white powder which is practically insoluble in water at 37° C (5 mg per 1000 mL), slightly soluble in chloroform and absolute ethanol, sparingly soluble in methanol, and soluble in acetone and tetrahydrofuran.

The chemical name is propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl)sulfonyl]-2-hydroxy-2-methyl-,(+/-).