



Formula: C<sub>12</sub>H<sub>10</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>

MW: 317.22

CAS: 63612-50-0

MDL NUMBER: MFCD00864670

IUPAC: 5,5-dimethyl-3-[4-nitro-3-(trifluoromethyl)phenyl]-1,3-diazolidine-2,4-dione

Smiles: C1(NC(N(C1=O)c1ccc(c(c1)C(F)(F)F)[N+](O-)=O)=O)(C)C

Dole, E.J., and Holdsworth, M.T., Nilutamide: an antiandrogen for the treatment of prostate cancer. . Pharmacotherapy 31, 65, (1997)

THERAPEUTIC CATEGORY: Antiandrogen

REFERENCE: Merck 13, 6572

ACCEPTORS: 4

DONORS: 1

ROTATION BONDS: 0

N+O: 7

Chiral Centers: 0

LogP: 2.58

LogS: -3.81

LIPINSKI: 4

Synonyms: Anandron, RU-23908,  
5,5-Dimethyl-3-[4-nitro-3-(trifluoromethyl)phenyl]-2,4-imidazolidinedione;ANANDRON;5,5-DIME  
THYL-3-[4-NITRO-3-(TRIFLUOROMETHYL)PHENYL]-2,4-IMIDAZOLIDINEDIONE;NILUTAMID  
E;RU-23908;1-(3