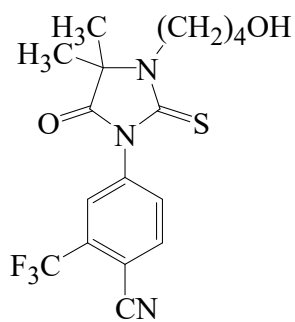




>>Entry Name: 4-[3-(4-Hydroxybutyl)-4,4-dimethyl-5-oxo-2-thioxo-1-imidazolidinyl]-2-trifluoromethylbenzonitrile, 9Cl

Synonym(s): Ru 59063



CAS Registry Number: 155180-53-3

Molecular Formula: C₁₇H₁₈F₃N₃O₂S

Molecular Weight: 385.409

Accurate Mass: 385.107181

Percentage Composition: C 52.98%; H 4.71%; F 14.79%; N 10.90%; O 8.30%; S 8.32%

Biological Use/Importance: Antiandrogen. High-affinity ligand for the androgen receptor

Melting Point: Mp 78-79°

References:

Eur. Pat., 1994, *Roussel-UCLAF*, 580 459; *CA*, **120**, 323568g, (*synth, pharmacol*)

Teutsch, G. *et al.*, *J. Steroid Biochem. Mol. Biol.*, 1994, **48**, 111-119, (*synth, uv, pmr, pharmacol*)

Karvonen, U. *et al.*, *J. Biol. Chem.*, 1997, **272**, 15973-15979, (*pharmacol*)