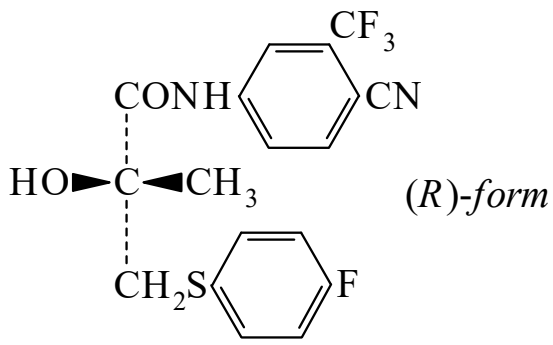
>>**Entry Name:** ***N*-[4-Cyano-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl)thio]-2-hydroxy-2-methylpropanamide,** 9Cl



(*R*)-*form*

CAS Registry Number: 90356-78-8

Molecular Formula: $C_{18}H_{14}F_4N_2O_2S$
Molecular Weight: 398.38
Accurate Mass: 398.07121
Percentage Composition: C 54.27%; H 3.54%; F 19.08%; N 7.03%; O 8.03%; S 8.05%
Other Data: Synthetic precursor of Bicalutamide NDR64-I

>>**Variant:** (*R*)-form

CAS Registry Number: 90357-17-8
Molecular Formula: $C_{18}H_{14}F_4N_2O_2S$
Molecular Weight: 398.38
Accurate Mass: 398.07121
Percentage Composition: C 54.27%; H 3.54%; F 19.08%; N 7.03%; O 8.03%; S 8.05%
Melting Point: Mp 94-96°
Optical Rotation: $[\alpha]_D^{24}$–3.06 (c, 1.01 in MeOH)

>>**Derivative:** *S,S*-Dioxide
see Bicalutamide, NDR64-I

>>**Variant:** (*S*)-form

CAS Registry Number: 90357-18-9
Molecular Formula: $C_{18}H_{14}F_4N_2O_2S$
Molecular Weight: 398.38
Accurate Mass: 398.07121
Percentage Composition: C 54.27%; H 3.54%; F 19.08%; N 7.03%; O 8.03%; S 8.05%
Physical Description: Cryst. (toluene/petrol)
Melting Point: Mp 94.5-96.5°
Optical Rotation: $[\alpha]_D^{24}$+2.32 (MeOH)

References:

Tucker, H. *et al.*, *J. Med. Chem.*, 1988, **31**, 885; 954, *(synth)*