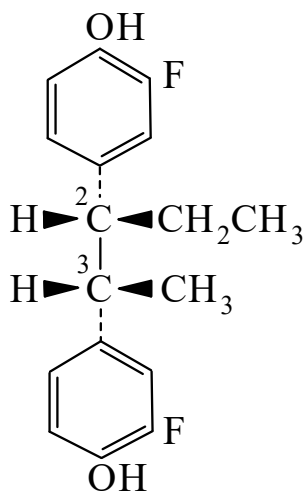




>>Entry Name: Bifluranol, BAN, INN

Synonym(s): 4,4'-(1-Ethyl-2-methyl-1,2-ethanediyl)bis(2-fluorophenol), 9Cl. 2,3-Bis(3-fluoro-4-hydroxyphenyl)pentane. Prostarex. BX 341



CAS Registry Number: 34633-34-6

Molecular Formula: C₁₇H₁₈F₂O₂

Molecular Weight: 292.325

Accurate Mass: 292.127486

Percentage Composition: C 69.85%; H 6.21%; F 13.00%; O 10.95%

Use/Importance: Estrogenic agent used for treatment of benign prostatic hypertrophy

Calculated Log P Data: Log P 5.06 (calc)

>>Variant: (2*RS*,3*SR*)-form

Synonym(s): (±)-*erythro*-form

Molecular Formula: C₁₇H₁₈F₂O₂

Molecular Weight: 292.325

Accurate Mass: 292.127486

Percentage Composition: C 69.85%; H 6.21%; F 13.00%; O 10.95%

Physical Description: Cryst. (toluene)

Melting Point: Mp 158-159°

References:

Ger. Pat., 1971, 2 110 428; *CA*, **76**, 14093p, (*synth, pharmacol*)

Pope, D.J. *et al.*, *J. Pharm. Pharmacol.*, 1981, **33**, 297; 302, (*synth, metab*)