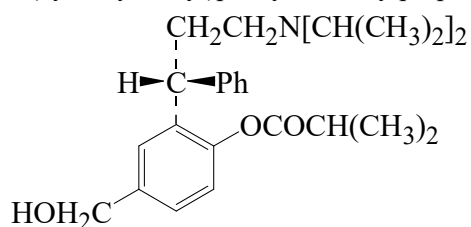




>>Entry Name: Fesoterodine, INN

Synonym(s): 2-[3-[Bis(1-methylethyl)amino]-1-phenylpropyl]-4-(hydroxymethyl)phenyl 2-methylpropanoate, 9CI



CAS Registry Number: 250214-44-9

Molecular Formula: C₂₆H₃₇NO₃

Molecular Weight: 411.583

Accurate Mass: 411.277344

Percentage Composition: C 75.87%; H 9.06%; N 3.40%; O 11.66%

Biological Use/Importance: Used in the treatment of urinary incontinence

>>Variant: (R)-form

Molecular Formula: C₂₆H₃₇NO₃

Molecular Weight: 411.583

Accurate Mass: 411.277344

Percentage Composition: C 75.87%; H 9.06%; N 3.40%; O 11.66%

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{22} +2.7$ (c, 1.0 in EtOH)

>>Derivative: Hydrochloride

CAS Registry Number: 286930-04-9

Melting Point: Mp 97.1°

Optical Rotation: $[\alpha]_D^{20} +4.3$ (c, 1.03 in EtOH)

>>Derivative: Fumarate

CAS Registry Number: 286930-03-8

Physical Description: Cryst.

Melting Point: Mp 103°

Optical Rotation: $[\alpha]_D^{22} +6$ (c, 1.0 in EtOH)

References:

Eur. Pat., 1999, *Schwarz Pharma*, 957 073; *CA*, **131**, 336818r, (synth)

Ger. Utilities Pat., 2000, *Schwarz Pharma*, 29 923 134; *CA*, **133**, 155 419 g, (R-form, synth, pharmacol)