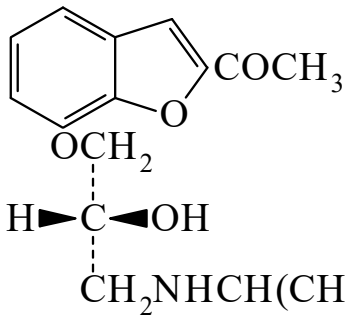
>>**Entry Name: Befunolol,** INN
Synonym(s): 1-[7-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]-2-benzofuranyl]ethanone, 9CI. 7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone



(*R*)-*form*

CAS Registry Number: 39552-01-7

Molecular Formula: $C_{16}H_{21}NO_4$
Molecular Weight: 291.346
Accurate Mass: 291.147059
Percentage Composition: C 65.96%; H 7.26%; N 4.81%; O 21.97%
Use/Importance: β-Adrenoceptor antagonist, and a β-adrenoceptor partial agonist in some tissues; antihypertensive agent. Used in treatment of glaucoma
Development Status: Launched 1983
Calculated Log P Data: Log P 1.8 (calc)
Other Data: The active drug is the alcohol, dihydrobefunolol
Hazard & Toxicity: LD_{50} (mus, ivn) 100 mg/kg

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

CAS Registry Number: 66685-75-4
Molecular Formula: $C_{16}H_{21}NO_4$
Molecular Weight: 291.346
Accurate Mass: 291.147059
Percentage Composition: C 65.96%; H 7.26%; N 4.81%; O 21.97%

>>**Derivative:** Hydrochloride

CAS Registry Number: 66685-79-8
Physical Description: Pale yellow prisms (2-propanol)
Melting Point: Mp 151°
Optical Rotation: $[\alpha]_D$ +15.3 (c, 1 in MeOH)

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

CAS Registry Number: 66685-76-5
Molecular Formula: $C_{16}H_{21}NO_4$
Molecular Weight: 291.346
Accurate Mass: 291.147059
Percentage Composition: C 65.96%; H 7.26%; N 4.81%; O 21.97%
Other Data: More pharmacol. active isomer

>>**Derivative:** Hydrochloride

CAS Registry Number: 66717-59-7
Physical Description: Pale yellow prisms (2-propanol)
Melting Point: Mp 151-152°
Optical Rotation: $[\alpha]_D$ –15.5 (c, 1 in MeOH)

>>**Variant:** (±)-form

Molecular Formula: $C_{16}H_{21}NO_4$
Molecular Weight: 291.346
Accurate Mass: 291.147059
Percentage Composition: C 65.96%; H 7.26%; N 4.81%; O 21.97%
Melting Point: Mp 115°