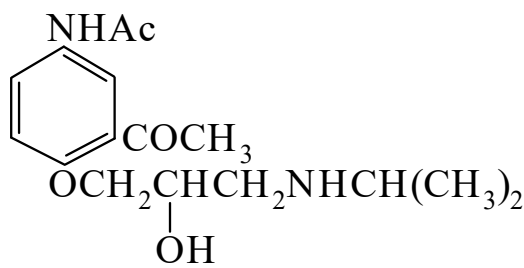




>>Entry Name: **Diacetolol**, BAN, INN

Synonym(s): *N*-[3-Acetyl-4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]acetamide, 9Cl. 3'-Acetyl-4'-[2-hydroxy-3-(isopropylamino)propoxy]acetanilide, 8Cl. Acetylacebutolol



CAS Registry Number: 28197-69-5

Molecular Formula: C₁₆H₂₄N₂O₄

Molecular Weight: 308.377

Accurate Mass: 308.173608

Percentage Composition: C 62.32%; H 7.84%; N 9.08%; O 20.75%

Use/Importance: β-Adrenergic blocker

Calculated Log P Data: Log P 0.57 (calc)

>>Variant: (±)-form

CAS Registry Number: 22568-64-5

Molecular Formula: C₁₆H₂₄N₂O₄

Molecular Weight: 308.377

Accurate Mass: 308.173608

Percentage Composition: C 62.32%; H 7.84%; N 9.08%; O 20.75%

Melting Point: Mp 131-134°

>>Derivative: Hydrochloride

Synonym(s): **Diacetolol hydrochloride**, USAN. EU 4891. M. + B. 16942A. RP 36903

CAS Registry Number: 69796-04-9

References:

Basil, B. *et al.*, *J. Med. Chem.*, 1976, **19**, 399, (*synth, pharmacol*)

Basil, B. *et al.*, *Eur. J. Pharmacol.*, 1982, **80**, 47, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 12638