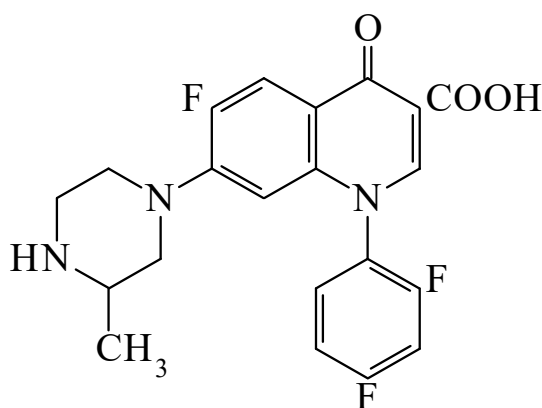




>>Entry Name: **Temafloxacin**, BAN, INN

Synonym(s): 1-(2,4-Difluorophenyl)-6-fluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid, 9Cl



CAS Registry Number: 108319-06-8

Molecular Formula: C₂₁H₁₈F₃N₃O₃

Molecular Weight: 417.387

Accurate Mass: 417.130026

Percentage Composition: C 60.43%; H 4.35%; F 13.66%; N 10.07%; O 11.50%

Use/Importance: Antibacterial agent

Development Status: Launched 1991 (Sweden)

Calculated Log P Data: Log P 0.61 (calc)

>>Variant: (±)-form

CAS Registry Number: 108138-28-9

Molecular Formula: C₂₁H₁₈F₃N₃O₃

Molecular Weight: 417.387

Accurate Mass: 417.130026

Percentage Composition: C 60.43%; H 4.35%; F 13.66%; N 10.07%; O 11.50%

Physical Description: Cryst. + 1.5H₂O (CHCl₃/EtOH)

Melting Point: Mp 274-276°

>>Derivative: Hydrochloride

Synonym(s): Temafloxacin hydrochloride, USAN. Temac. A 62254

CAS Registry Number: 105784-61-0

References:

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