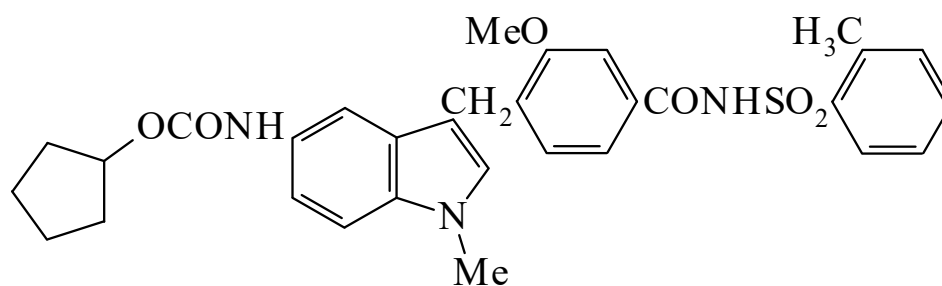




>>Entry Name: Zafirlukast, BAN, USAN

Synonym(s): Cyclopentyl [3-[[2-methoxy-4-[[[(2-methylphenyl)sulfonyl]amino]carbonyl]phenyl]methyl]-1-methyl-1*H*-indol-5-yl]carbamate, 9CI. Accolate. ICI 204219. Z 204219



CAS Registry Number: 107753-78-6

Related CAS Registry Numbers(s): 143052-93-1

Molecular Formula: C₃₁H₃₃N₃O₆S

Molecular Weight: 575.684

Accurate Mass: 575.209007

Percentage Composition: C 64.68%; H 5.78%; N 7.30%; O 16.68%; S 5.57%

Use/Importance: Potent leukotriene D₄-receptor antagonist. Antiasthmatic agent

Development Status: Launched 1996 (Ireland) (Zeneca)

Melting Point: Mp 138-140°

Calculated Log P Data: Log P 7.04 (uncertain value) (calc)

References:

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