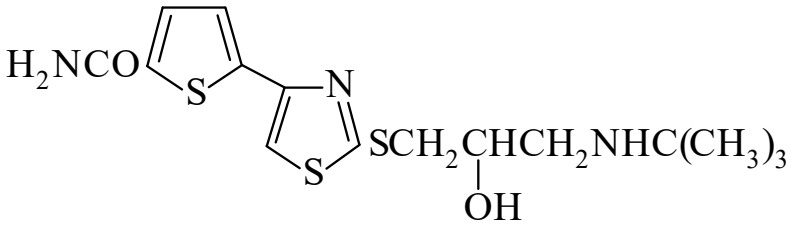
>>**Entry Name: Arotinolol,** INN
Synonym(s): 5-[2-[[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide, 9CI. Tarotiolol



Related CAS Registry Numbers(s): 92075-58-6 139332-61-9

Molecular Formula: $C_{15}H_{21}N_3O_2S_3$
Molecular Weight: 371.548
Accurate Mass: 371.079587
Percentage Composition: C 48.49%; H 5.70%; N 11.31%; O 8.61%; S 25.89%
Use/Importance: β-Adrenergic blocker with weak α-adrenergic activity; antihypertensive, antiarrhythmic agent
Development Status: Launched 1986
Calculated Log P Data: Log P 2.05 (calc)
Other Data: Enantiomers known

>>**Variant:** (±)-form
CAS Registry Number: 68377-92-4
Molecular Formula: $C_{15}H_{21}N_3O_2S_3$
Molecular Weight: 371.548
Accurate Mass: 371.079587
Percentage Composition: C 48.49%; H 5.70%; N 11.31%; O 8.61%; S 25.89%
Physical Description: Needles ($CHCl_3$/petrol)
Melting Point: Mp 148-149°

>>**Derivative:** Hydrochloride
Synonym(s): Arotinolol hydrochloride, JAN. Almart. S-596

CAS Registry Number: 68377-91-3
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 234-235.5°
Hazard & Toxicity: LD_{50} (rat, orl) 86 mg/kg. LD_{50} (rat, ipr) 340 mg/kg

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