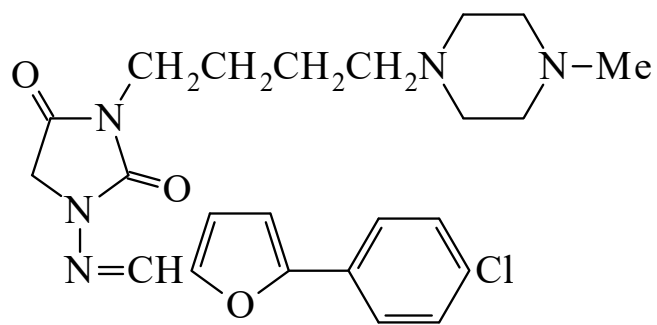




>>Entry Name: Azimilide, BAN, INN

Synonym(s): 1-[[[5-(4-Chlorophenyl)-2-furanyl]methylene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]-2,4-imidazolidinedione, 9Cl



CAS Registry Number: 149908-53-2

Related CAS Registry Numbers(s): 150292-12-9

Molecular Formula: $C_{23}H_{28}ClN_5O_3$

Molecular Weight: 457.959

Accurate Mass: 457.188067

Percentage Composition: C 60.32%; H 6.16%; Cl 7.74%; N 15.29%; O 10.48%

Use/Importance: Antiarrhythmic agent (class III)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Azimilide dihydrochloride, USAN. NE 10064

CAS Registry Number: 149888-94-8

Physical Description: Cryst. (EtOH aq.)

References:

Black, S.C. *et al.*, *J. Cardiovasc. Pharmacol.*, 1993, **22**, 810, (*pharmacol*)

Pat. Coop. Treaty (WIPO), 1993, *Procter and Gamble*, 93 04 061; *CA*, **119**, 180776q, (*synth, pharmacol*)

Busch, A.E. *et al.*, *Biochem. Biophys. Res. Commun.*, 1994, **202**, 265, (*pharmacol*)

Busch, A.E. *et al.*, *Eur. J. Pharmacol.*, 1994, **264**, 33, (*pharmacol*)

Clemett, D. *et al.*, *Drugs*, 2000, **59**, 271-277, (*rev*)