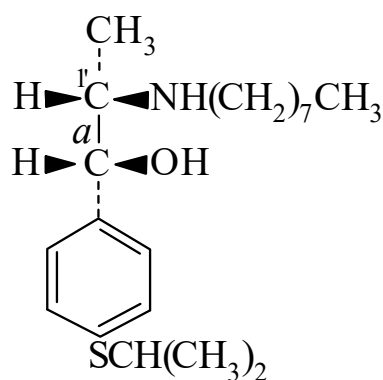




>>Entry Name: Suloctidil, BAN, INN, USAN

Synonym(s): 4-[(1-Methylethylthio)- α -[1-(octylamino)ethyl]benzenemethanol, 9Cl. 1-[4-(Isopropylthio)phenyl]-2-octylamino-1-propanol. Bemperil. Dulocetil. Lebonoxan. CP 556S. MJF 12637. Many other names



CAS Registry Number: 54063-56-8

Related CAS Registry Numbers(s): 105172-92-7 113409-25-9

Molecular Formula: C₂₀H₃₅NOS

Molecular Weight: 337.569

Accurate Mass: 337.243934

Percentage Composition: C 71.16%; H 10.45%; N 4.15%; O 4.74%; S 9.50%

Biological Use/Importance: Calcium antagonist. Antiplatelet and antithrombotic activity. Peripheral vasodilator, also used to increase cerebral blood flow

Development Status: No longer marketed

Calculated Log P Data: Log P 5.99 (calc)

Hazard & Toxicity: Hepatotoxicity reported. LD₅₀ (rat, orl) 1740 mg/kg. LD₅₀ (rat, ipr) 100 mg/kg. Exp. reprod. and teratogenic effects

>>Variant: (α RS,1'SR)-form

Synonym(s): ($\pm$)-erythro-form. Sulocton

CAS Registry Number: 54767-75-8

Molecular Formula: C₂₀H₃₅NOS

Molecular Weight: 337.569

Accurate Mass: 337.243934

Percentage Composition: C 71.16%; H 10.45%; N 4.15%; O 4.74%; S 9.50%

Physical Description: Cryst. (pentane or MeOH aq.)

Melting Point: Mp 62-63°

Sigma: S9384

References:

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Chung, M.W. *et al.*, *Gastroenterology*, 1988, **95**, 490, (*tox*)
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