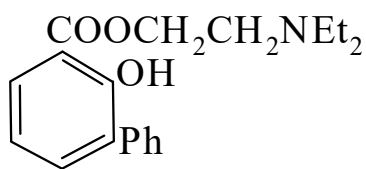




>>Entry Name: Xenysalate, BAN, INN

Synonym(s): 2-(Diethylamino)ethyl 2-hydroxy[1,1'-biphenyl]-3-carboxylate, 9CI. 2-Diethylaminoethyl 3-phenylsalicylate. Biphenamine



CAS Registry Number: 3572-52-9

Molecular Formula: C₁₉H₂₃NO₃

Molecular Weight: 313.396

Accurate Mass: 313.167794

Percentage Composition: C 72.82%; H 7.40%; N 4.47%; O 15.32%

Use/Importance: Topical anaesthetic, antibacterial, antifungal, frequently present in medicated shampoos

Physical Description: Oily liq.

Solubility: Sol. H₂O

Calculated Log P Data: Log P 5.3 (calc)

Other Data: Component of Alvinine

>>Derivative: Hydrochloride

Synonym(s): Melsaphine. Sebaclen. Sebaklen. Biphenamine hydrochloride, USAN

CAS Registry Number: 5560-62-3

References:

U.S. Pat., 1952, 2 594 350; *CA*, **47**, 1190, (*synth, pharmacol*)

Shotaro, N. *et al.*, *Yakugaku Zasshi*, 1956, **76**, 1211, (*synth*)

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