>>**Entry Name: Benaprizine,** INN
Synonym(s): 2-(Ethylpropylamino)ethyl α-hydroxy-α-phenylbenzeneacetate, 9CI. 2-(Ethylpropylamino)ethyl benzilate, 8CI. **Benapryzine,** BAN

CAS Registry Number: 22487-42-9

$Ph_2C(OH)COOCH_2CH_2NEtCH_2CH_2CH_3$

Molecular Formula: $C_{21}H_{27}NO_3$
Molecular Weight: 341.449
Accurate Mass: 341.199094
Percentage Composition: C 73.87%; H 7.97%; N 4.10%; O 14.06%
Use/Importance: Antiparkinsonian, anticholinergic agent
Development Status: No longer marketed
Calculated Log P Data: Log P 4.11 (calc)

>>**Derivative:** Hydrochloride
Synonym(s): Benapryzine hydrochloride, USAN**.** Brizin. AP 1288. BRL 1288

CAS Registry Number: 3202-55-9
Physical Description: Plates (butanone)
Melting Point: Mp 164-166°
Hazard & Toxicity: LD_{50} (mus, orl) 500 mg/kg

References:

Brown, D.M. *et al.*, *Br. J. Pharmacol.*, 1973, **47**, 476, *(pharmacol)*
U.S. Pat., 1973, *Beecham*, 3 746 743; *CA*, **79**, 78413n, *(synth)*
Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 341