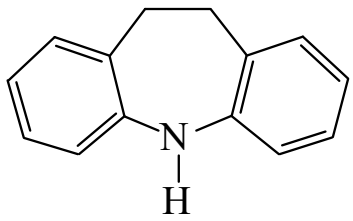
>>**Entry Name: 10,11-Dihydro-5*H*-dibenz[*b*,*f*]azepine,** 9CI
Synonym(s): *o*-Imidodibenzyl. Iminodibenzyl. Iminobibenzyl



CAS Registry Number: 494-19-9

Molecular Formula: $C_{14}H_{13}N$
Molecular Weight: 195.263
Accurate Mass: 195.104799
Percentage Composition: C 86.12%; H 6.71%; N 7.17%
Source/Synthesis: Imipramine BNB42-O metab.
Physical Description: Pale-yellow cryst. by subl.; prisms (petrol)
Melting Point: Mp 110°
pKa Value: pK_a –0.7 (20°,15.75% EtOH)
Hazard & Toxicity: Eye irritant

Aldrich: I-130-8
Fluka: 56785

>>**Derivative:** *N*-Ac

CAS Registry Number: 13080-75-6
Molecular Formula: $C_{16}H_{15}NO$
Molecular Weight: 237.301
Accurate Mass: 237.115364
Percentage Composition: C 80.98%; H 6.37%; N 5.90%; O 6.74%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 96-97°
Aldrich: 38823-8

>>**Derivative:** *N*-Carbamoyl

CAS Registry Number: 3564-73-6
Molecular Formula: $C_{15}H_{14}N_2O$
Molecular Weight: 238.288
Accurate Mass: 238.110613
Percentage Composition: C 75.61%; H 5.92%; N 11.76%; O 6.71%
Use/Importance: GC standard for 5*H*-Dibenz[*b*,*f*]azepine GZZ86-D
Melting Point: Mp 205-210°

Aldrich: 19542-1

>>**Derivative:** *N*-Me
Synonym(s): 10,11-Dihydro-5-methyl-5*H*-dibenz[*b*,*f*]azepine, 9CI

CAS Registry Number: 4513-01-3
Molecular Formula: $C_{15}H_{15}N$
Molecular Weight: 209.29
Accurate Mass: 209.120449
Percentage Composition: C 86.08%; H 7.22%; N 6.69%
Physical Description: Needles (MeOH)
Melting Point: Mp 106-107°