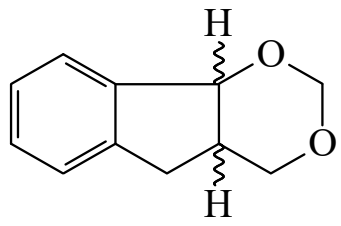
>>**Entry Name: 4,4*a*,5,9*b*-Tetrahydroindeno[1,2-*d*]-1,3-dioxin**
Synonym(s): Indoflor. Indolal. Indolarom. Indoxan



CAS Registry Number: 18096-62-3

Molecular Formula: $C_{11}H_{12}O_2$
Molecular Weight: 176.215
Accurate Mass: 176.08373
Percentage Composition: C 74.98%; H 6.86%; O 18.16%
Source/Synthesis: Prepd. by Prins reaction from Indene BLG29-A and Formaldehyde CVP49-C
Use/Importance: Used in soaps and detergents as perfumery agent
Physical Description: Cryst. with indole-like odour
Melting Point: Mp 35-36°
Boiling Point: Bp 268-271°. Bp_3 119-125°

References:
U.S. Pat., 1947, 2 417 548; *CA*, **41**, 3493b, *(synth)*
Beets, M.G.J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1952, **71**, 343, *(synth)*
Dashunin, V.M. *et al.*, *CA*, 1973, **78**, 84085c, *(synth)*