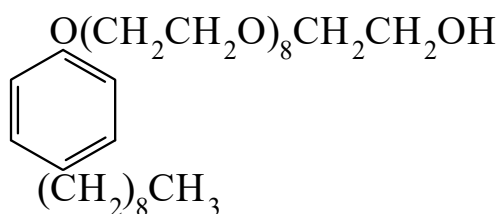




>>Entry Name: Nonoxinol 9, INN

Synonym(s): 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol, 9Cl. Nonoxynol 9, USAN. Collatex. Conceptrol. Delfen. Encare. Igepal CO 630. Intercept. Orthodelfen. Semicid. Vagisec. Many other names



CAS Registry Number: 14409-72-4

Related CAS Registry Numbers(s): 9016-45-9 26027-38-3

Molecular Formula: $\text{C}_{33}\text{H}_{60}\text{O}_{10}$

Molecular Weight: 616.831

Accurate Mass: 616.41865

Percentage Composition: C 64.26%; H 9.80%; O 25.94%

Use/Importance: Spermicide, surfactant; putative HIV inhibitor

Physical Description: Highly stable pale yellow liq.

Calculated Log P Data: Log P 6.43 (calc)

Other Data: Component of numerous preparations

Hazard & Toxicity: LD₅₀ (mus, ipr) 150 mg/kg. Exp. reprod. effects (female fertility and reproductive organs)

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