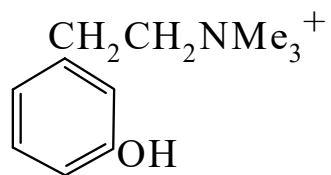




>>Entry Name: **Leptodactyline**

Synonym(s): 3-Hydroxy-*N,N,N*-trimethylbenzeneethanaminium, 9Cl



CAS Registry Number: 13957-33-0

Molecular Formula: C₁₁H₁₈NO⁽⁺⁾

Molecular Weight: 180.269

Accurate Mass: 180.138839

Percentage Composition: C 73.29%; H 10.06%; N 7.77%; O 8.88%

Biological Source: Alkaloid from the skin of the amphibian *Leptodactylus ocellatus*

Use/Importance: Shows strong nicotinic and muscle-paralysing activity

>>Derivative: Picrate

Physical Description: Orange-yellow needles

Melting Point: Mp 198-200°

References:

Erspamer, V., *Arch. Biochem. Biophys.*, 1959, **82**, 431