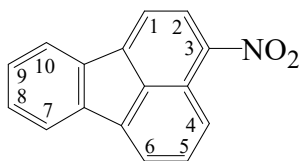




>>Entry Name: 3-Nitrofluoranthene, 9Cl



CAS Registry Number: 892-21-7

Molecular Formula: C₁₆H₉NO₂

Molecular Weight: 247.253

Accurate Mass: 247.063329

Percentage Composition: C 77.72%; H 3.67%; N 5.66%; O 12.94%

Source/Synthesis: Found in polluted air and diesel exhausts; easily formed by atmospheric reactions of poly nuclear aromatic hydrocarbons with oxides of nitrogen and nitric acid

Physical Description: Cryst.

Melting Point: Mp 157-159°

Solubility: Sol. most org. solvs.; insol. hexane

Hazard & Toxicity: Mutagenic and carcinogenic props; environmentally significant genotoxic pollutant

References:

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