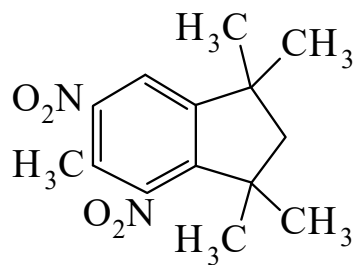




>>Entry Name: **1,1,3,3,5-Pentamethyl-4,6-dinitroindane**

Synonym(s): 2,3-Dihydro-1,1,3,3,5-pentamethyl-4,6-dinitro-1*H*-indene, 9Cl. Moskene



CAS Registry Number: 116-66-5

Molecular Formula: C₁₄H₁₈N₂O₄

Molecular Weight: 278.307

Accurate Mass: 278.126658

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Use/Importance: Musk perfumery ingredient

Physical Description: Prisms (Me₂CO)

Melting Point: Mp 133°

Rare Chemicals Library: S34750-7

References:

Barbier, H., *Helv. Chim. Acta*, 1932, **15**, 592-596, (*synth*)

Grampoloff, A.V., *Helv. Chim. Acta*, 1955, **38**, 1263-1268, (*synth*)

Schlatter, M.J., *Prepr.- Am. Chem. Soc., Div. Pet. Chem.*, No. 2, 1956, **1**, 77-82; *CA*, **52**, 13694h, (*synth, struct*)

Opdyke, D.L.J., *Food Cosmet. Toxicol.*, Suppl., 1979, **17**, 885; *CA*, **92**, 2033774, (*rev*)