



>>Entry Name: 1,4-Dinitrosobenzene

CAS Registry Number: 105-12-4

Structure by analogy with 1,2-Dinitrosobenzene, [KVH22-L](#)

Molecular Formula: C₆H₄N₂O₂

Molecular Weight: 136.11

Accurate Mass: 136.027278

Percentage Composition: C 52.95%; H 2.96%; N 20.58%; O 23.51%

General Statement: Polymeric

Physical Description: Green solid by subl. at −78°, becoming yellow at 0°

Other Data: Becomes bright green at 140°

References:

Anderson, L. *et al.*, *J.C.S. Perkin 2*, 1992, 243, (*cmr, ir, struct*)

Rathore, R. *et al.*, *J.C.S. Perkin 1*, 1994, 2675, (*synth, ir*)