



>>Entry Name: 6-Nitrobenzo[*a*]pyrene

CAS Registry Number: 63041-90-7

Molecular Formula: C₂₀H₁₁NO₂

Molecular Weight: 297.312

Accurate Mass: 297.078979

Percentage Composition: C 80.80%; H 3.73%; N 4.71%; O 10.76%

Physical Description: Orange cryst.

Melting Point: Mp 255-256°

Other Data: Found not to be mutagenic to *Salmonella typhimurium*, but related compds. are mutagens

References:

Dewar, M.J.S. *et al.*, *J.C.S.*, 1956, 3572, (*synth, uv*)

Johansen, E. *et al.*, *Acta Chem. Scand., Ser. B*, 1984, **38**, 309, (*synth, spectra*)

Fu, P.P. *et al.*, *J. Med. Chem.*, 1984, **27**, 1156, (*synth, uv, pmr, ms*)

IARC Monog., 1989, **46**, 255, (*rev, tox*)

Fukuhara, K. *et al.*, *Chem. Pharm. Bull.*, 1990, **38**, 3158, (*synth, uv, tox*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, NFM500