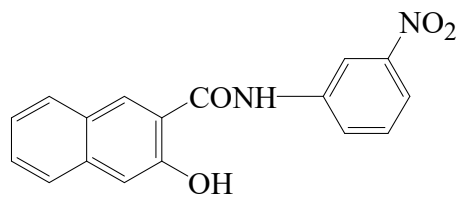




>>Entry Name: 3-Hydroxy-N-(3-nitrophenyl)-2-naphthalenecarboxamide, 9Cl

Synonym(s): 3-Hydroxy-3'-nitro-2-naphthanilide, 8Cl. Naphthol AS-BS



CAS Registry Number: 135-65-9

Molecular Formula: C₁₇H₁₂N₂O₄

Molecular Weight: 308.293

Accurate Mass: 308.079708

Percentage Composition: C 66.23%; H 3.92%; N 9.09%; O 20.76%

Physical Description: Yellow cryst. (xylene)

Melting Point: Mp 248-249°

References:

U.S. Pat., 1947, 2 418 326; *CA*, **41**, 4515g, (*synth*)

Schnopper, I. *et al.*, *Anal. Chem.*, 1959, **31**, 1542-1549, (*props*)

Colour Index, 3rd edn., 1971, **4**, 4356, (*props, bibl*)

Achi, S.S. *et al.*, *Dyes Pigm.*, 1986, **7**, 319-340, (*synth, use*)

Fujita, S. *et al.*, *Anal. Chem.*, 1994, **66**, 1347-1353, (*synth*)