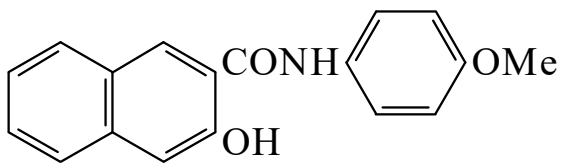




>>Entry Name: Naphtanilide RL

Synonym(s): 3-Hydroxy-*N*-(4-methoxyphenyl)-2-naphthalenecarboxamide, 9Cl. 3-Hydroxy-2-naphth-*p*-anisidide, 8Cl. Naphthol AS-RL



CAS Registry Number: 92-79-5

Molecular Formula: C<sub>18</sub>H<sub>15</sub>NO<sub>3</sub>

Molecular Weight: 293.321

Accurate Mass: 293.105194

Percentage Composition: C 73.71%; H 5.15%; N 4.78%; O 16.36%

Use/Importance: Azo dye intermediate

Physical Description: Cryst. (xylene)

Melting Point: Mp 229.5-230.5°

Rare Chemicals Library: S50412-2

References:

Mangini, A. *et al.*, *CA*, 1947, **41**, 681e, (*synth*)

Schnopper, I. *et al.*, *Anal. Chem.*, 1959, **31**, 1542, (*x-ray*)

*Colour Index*, 3rd edn., 1971, **4**, 4358, (*props, bibl*)

Puchkov, V.A., *Zh. Org. Khim.*, 1977, **13**, 32; *J. Org. Chem. USSR (Engl. Transl.)*, 1977, **13**, 28, (*ms*)