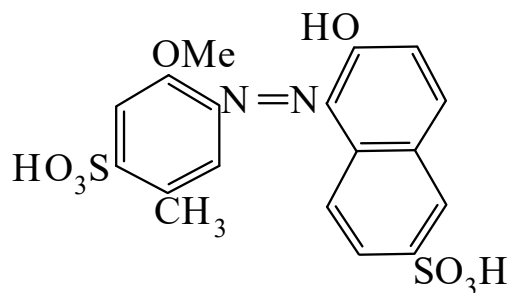




>>Entry Name: Allura red AC

ENTRY UNDER REVIEW

Synonym(s): 6-Hydroxy-5-[(2-methoxy-5-methyl-4-sulfophenyl)azo]-2-naphthalenesulfonic acid, 9CI. FD and C Red No. 40. C.I. 16035. C.I. Food Red 17. Allura Red. E 129



CAS Registry Number: 25956-17-6

Molecular Formula: C₁₈H₁₆N₂O₈S₂

Molecular Weight: 452.465

Accurate Mass: 452.034808

Percentage Composition: C 47.78%; H 3.56%; N 6.19%; O 28.29%; S 14.17%

Use/Importance: Colour additive for food and dentifrices, low mammalian toxicity

Physical Description: Dark-red powder

Other Data: Strictly the name Allura red AC applies to the disodium salt. Banned in EEC, Norway and Japan

Aldrich: 45884-8

References:

U.K. Pat., 1970, 1 164 249; *CA*, **72**, 68195, (*synth*)

Borzelleca, J.F. *et al.*, *Food Chem. Toxicol.*, 1989, **27**, 701, (*tox*)

Merck Index, 11th edn., 1989, No. 283

Encyclopedia of Food and Color Additives, (ed. Burdock, G.A.), CRC Press, 1997, 1078-1080, (*use, props*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, FAG100