

PRODUCT INFORMATION



Acid Red 4

Item No. 44621

CAS Registry No.: 5858-39-9

Formal Name: 4-hydroxy-3-[2-(2-methoxyphenyl)diazenyl]-1-naphthalenesulfonic acid, monosodium salt

Synonyms: Azoeosin C.I. No. 14710, Amacid Eosine, Azo Eosin, Azo Eosine G, C.I. 14710

MF: C₁₇H₁₃N₂O₅S • Na

FW: 380.4

UV/Vis.: λ_{max}: 240, 306, 376, 506 nm

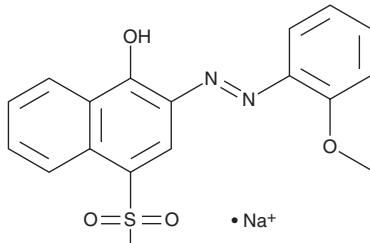
Abs. Max.: 508 nm

Supplied as: A solid

Storage: -20°C

Stability: ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.



Laboratory Procedures

Acid red 4 is supplied as a solid. A stock solution may be made by dissolving the acid red 4 in the solvent of choice, which should be purged with an inert gas. Acid red 4 is soluble (≥10 mg/ml) in DMSO.

Description

Acid red 4 is an azo dye.¹ It displays an absorbance maximum at 508 nm. Formulations containing acid red 4 have been used as textile dyes.

Reference

1. Coughlin, M.F., Kinkle, B.K., and Bishop, P.L. Degradation of azo dyes containing aminonaphthol by *Sphingomonas* sp strain 1CX. *J. Ind. Microbiol. Biotechnol.* **23**(4-5), 341-346 (1999).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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