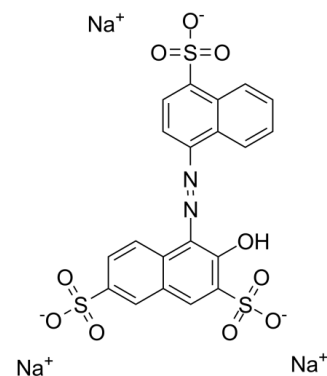


Data Sheet

Product Name:	Amaranth
Cat. No.:	CS-5347
CAS No.:	915-67-3
Molecular Formula:	C ₂₀ H ₁₁ N ₂ Na ₃ O ₁₀ S ₃
Molecular Weight:	604.47
Target:	Others
Pathway:	Others
Solubility:	H ₂ O : ≥ 100 mg/mL (165.43 mM)



BIOLOGICAL ACTIVITY:

Amaranth is a dark red to purple azo dye used as a food dye and to color cosmetics. Amaranth is an anionic dye. It can be applied to natural and synthetic fibers, leather, paper, and phenol-formaldehyde resins.

CAIndexNames:

2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[2-(4-sulfo-1-naphthalenyl)diazenyl]-, sodium salt (1:3)

SMILES:

O=S(C1=C(O)C(N=NC2=C3C=CC=C3C(S(=O)([O-])=O)C=C2)=C4C=CC(S(=O)([O-])=O)=CC4=C1)([O-])=O.[Na+].[Na+].[Na+]

Caution: Product has not been fully validated for medical applications. For research use only.

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