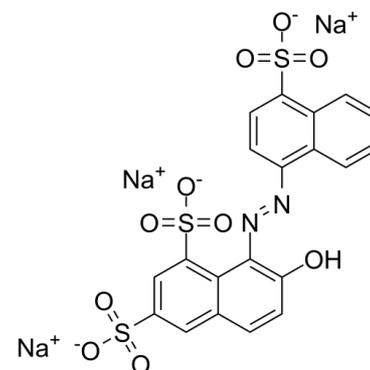


Data Sheet

Product Name:	Ponceau 4R
Cat. No.:	CS-5346
CAS No.:	2611-82-7
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:

Ponceau 4R is a synthetic colourant that may be used as a food colouring. Ponceau 4R is a strawberry red azo dye which can be used in a variety of food products, and is usually synthesized from aromatic hydrocarbons; it is stable to light, heat, and acid but fades in the presence of ascorbic acid.

CAIndexNames:

1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[2-(4-sulfo-1-naphthalenyl)diazenyl]-, sodium salt (1:3)

SMILES:

O=S(C1=C2C(/N=N/C3=C4C=CC=C4=C(S(=O)([O-])=O)C=C3)=C(O)C=CC2=CC(S(=O)([O-])=O)=C1)([O-])=O.[Na+].[Na+].[Na+]

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA