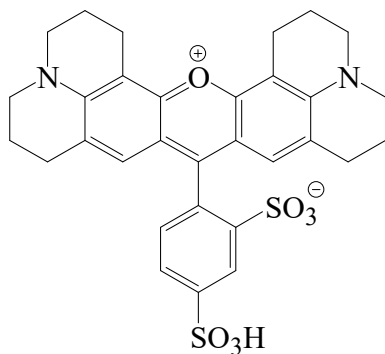




>>Entry Name: Sulforhodamine 101

Synonym(s): 9-(2,4-Disulfophenyl)-2,3,6,7,12,13,16,17-octahydro-1*H*,5*H*,11*H*,15*H*-xantheno[2,3,4-*ij*:5,6,7-*ij'*]diquinolizin-18-ium inner salt, 11Cl. 2',3',6',7',12',13',16',17'-Octahydrospiro[3*H*-2,1-benzoxathiole-3,9'-[1*H*,5*H*,9*H*,11*H*,15*H*]xantheno[2,3,4-*ij*:5,6,7-*ij'*]diquinolizine]-6-sulfonic acid 1,1-dioxide, 9Cl. Sulforhodamine 640. SR 101



CAS Registry Number: 60311-02-6

Molecular Formula: C₃₁H₃₀N₂O₇S₂

Molecular Weight: 606.719

Accurate Mass: 606.149443

Percentage Composition: C 61.37%; H 4.98%; N 4.62%; O 18.46%; S 10.57%

Use/Importance: Used in tunable dye laser at 656 nm

Physical Description: No phys. props. reported

Other: Excitor Chemical Co. USA

References:

Petley, B.W. *et al.*, *Opt. Quantum Electron.*, 1976, **8**, 371-372, (*use*)