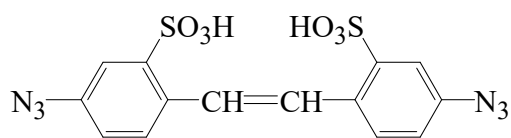




>>Entry Name: 2,2'-(1,2-Ethenediyl)bis[5-azidobenzenesulfonic acid], 9Cl

Synonym(s): 4,4'-Diazido-2,2'-stilbenedisulfonic acid, 8Cl



CAS Registry Number: 15874-22-3

Extra CAS Registry Numbers(s): 2718-90-3

Molecular Formula: C₁₄H₁₀N₆O₆S₂

Molecular Weight: 422.402

Accurate Mass: 422.010324

Percentage Composition: C 39.81%; H 2.39%; N 19.90%; O 22.73%; S 15.18%

Use/Importance: Reagent for enzyme immobilisation on fibroin by photo-crosslinking. Light-sensitive props. used in printing

Physical Description: Cryst. + 4H₂O (as di-Na salt)

>>Derivative: Dianilide

Molecular Formula: C₂₆H₂₀N₈O₄S₂

Molecular Weight: 572.627

Accurate Mass: 572.104892

Percentage Composition: C 54.54%; H 3.52%; N 19.57%; O 11.18%; S 11.20%

Physical Description: Cryst. (dioxan)

Other Data: Dec. at 193-194°

References:

Ger. Pat., 1953, 929 460, (*dianilide*)

Miyairi, S. *et al.*, *Anal. Biochem.*, 1979, **97**, 320, (*use*)