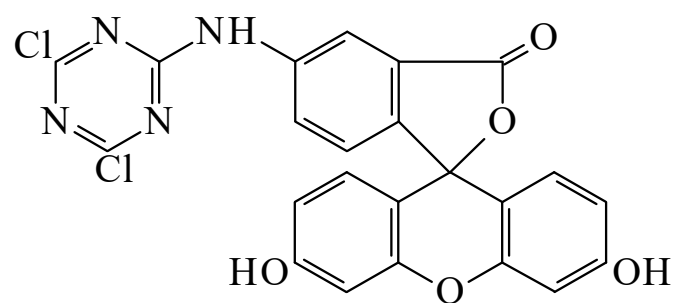




>>Entry Name: 5-[(4,6-Dichloro-1,3,5-triazin-2-yl)amino]-3',6'-dihydroxyspiro[isobenzofuran-1(3*H*),9'-[9*H*]xanthen]-3-one, 9Cl

Synonym(s): 5-[(4,6-Dichloro-1,3,5-triazin-2-yl)amino]fluorescein. DTAF



CAS Registry Number: 51306-35-5

Molecular Formula: C₂₃H₁₂Cl₂N₄O₅

Molecular Weight: 495.277

Accurate Mass: 494.018475

Percentage Composition: C 55.78%; H 2.44%; Cl 14.32%; N 11.31%; O 16.15%

Use/Importance: Fluorescent label. Used as a derivatisation reagent for the anal. of secondary amines

Physical Description: Yellow solid

Fluka: 36565

References:

Barskii, V.E. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Biol.*, 1968, 744, (*synth*)

Blakeslee, D. *et al.*, *J. Immunol. Methods*, 1976, **13**, 305, (*synth, use*)

Siegler, R. *et al.*, *J. Pharm. Biomed. Anal.*, 1989, **7**, 45, (*use*)