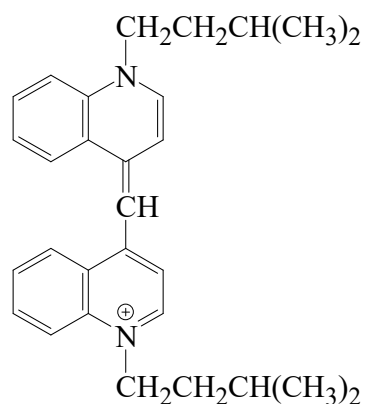




>>Entry Name: Cyanine blue

Synonym(s): 1-(3-Methylbutyl)-4-[[1-(3-methylbutyl)-4(1*H*)-quinolinylidene]methyl]quinolinium(1+), 9Cl. 1-Isopentyl-4-[(1-isopentyl-4(1*H*)-quinolylidene)methyl]quinolinium(1+), 8Cl. Quinoline blue



CAS Registry Number: 67879-79-2

Molecular Formula: C₂₉H₃₅N₂⁽⁺⁾

Molecular Weight: 411.609

Accurate Mass: 411.280023

Percentage Composition: C 84.62%; H 8.57%; N 6.81%

General Statement: Strictly the trade names refer to the iodide

Use/Importance: Dye, indicator

>>Derivative: Iodide

CAS Registry Number: 523-42-2

Molecular Formula: C₂₉H₃₅IN₂

Molecular Weight: 538.513

Accurate Mass: 538.184496

Percentage Composition: C 64.68%; H 6.55%; I 23.57%; N 5.20%

Physical Description: Lustrous green prisms (EtOH aq.)

References:

Beilsteins Handbuch der Organischen Chemie, 4th edn., 1936, 23, 299