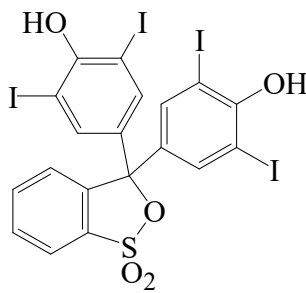




>>Entry Name: Iodophenol blue

Synonym(s): 4,4'-(3*H*-2,1-Benzoxathiol-3-ylidene)bis[2,6-diiodophenol] *S,S*-dioxide, 9Cl. 3,3',5,5'-Tetraiodophenolsulfonephthalein



CAS Registry Number: 4430-24-4

Molecular Formula: C₁₉H₁₀I₄O₅S

Molecular Weight: 857.969

Accurate Mass: 857.642787

Percentage Composition: C 26.60%; H 1.17%; I 59.17%; O 9.32%; S 3.74%

Physical Description: Cryst.

Melting Point: Mp 259-260°

References:

Davis, M.M. *et al.*, *J. Res. Natl. Bur. Stand. (U.S.)*, 1948, **41**, 27-40, (*uv*)