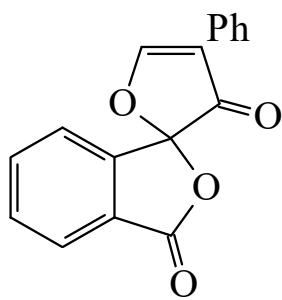




>>Entry Name: Fluorescamine

Synonym(s): 4-Phenylspiro[furan-2(3H),1'(3'H)-isobenzofuran]-3,3'-dione, 9CI. 4-Phenylspiro[furan-2(3H),1'-phthalan]-3,3'-dione. Fluram



CAS Registry Number: 38183-12-9

Molecular Formula: C₁₇H₁₀O₄

Molecular Weight: 278.264

Accurate Mass: 278.05791

Percentage Composition: C 73.38%; H 3.62%; O 23.00%

Use/Importance: Fluorimetric reagent for amino acids, primary amines, peptides, proteins and proteolytic enzymes

Physical Description: Cryst. (CH₂Cl₂/Et₂O)

Melting Point: Mp 154-155°

Aldrich: 20165-0

Fluka: 47614

Sigma: F9015

Supelco: R40-0360

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