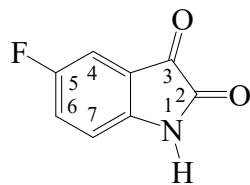




>>Entry Name: 5-Fluoro-1*H*-indole-2,3-dione, 9Cl

Synonym(s): 5-Fluoroisatin



CAS Registry Number: 443-69-6

Molecular Formula: C₈H₄FN₂O₂

Molecular Weight: 165.123

Accurate Mass: 165.022607

Percentage Composition: C 58.19%; H 2.44%; F 11.51%; N 8.48%; O 19.38%

Physical Description: Brick-red needles (AcOH aq.)

Melting Point: Mp 227°

Aldrich: 36697-8

>>Derivative: 3-Oxime

CAS Registry Number: 319-64-2

Molecular Formula: C₈H₅FN₂O₂

Molecular Weight: 180.138

Accurate Mass: 180.033506

Percentage Composition: C 53.34%; H 2.80%; F 10.55%; N 15.55%; O 17.76%

Melting Point: Mp 202-204°

References:

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Meth-Cohn, O. *et al.*, *Tet. Lett.*, 1996, **37**, 9381-9384, (*synth*)

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