



>>Entry Name: 4-Fluoro-2-iodoaniline, 8Cl

Synonym(s): 4-Fluoro-2-iodobenzenamine, 9Cl

CAS Registry Number: 61272-76-2

Structure by analogy with 2-Fluoro-4-iodoaniline, [DZM40-R](#)

Molecular Formula: C₆H₅FIN

Molecular Weight: 237.015

Accurate Mass: 236.945075

Percentage Composition: C 30.41%; H 2.13%; F 8.02%; I 53.54%; N 5.91%

Physical Description: Oil

>>Derivative: *N*-Ac

Synonym(s): 4-Fluoro-2-iodoacetanilide

CAS Registry Number: 29654-01-1

Molecular Formula: C₈H₇FINO

Molecular Weight: 279.052

Accurate Mass: 278.95564

Percentage Composition: C 34.43%; H 2.53%; F 6.81%; I 45.48%; N 5.02%; O 5.73%

Physical Description: Needles (petrol)

Melting Point: Mp 142.5-143.5°

References:

Gibson, M.S. *et al.*, *J.C.S.(C)*, 1970, 2106-2111, (*synth*)