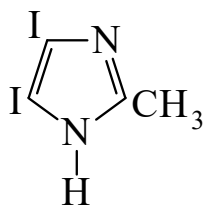




>>Entry Name: 4,5-Diiodo-2-methylimidazole, 9CI



CAS Registry Number: 73746-44-8

Molecular Formula: C₄H₄I₂N₂

Molecular Weight: 333.898

Accurate Mass: 333.846394

Percentage Composition: C 14.39%; H 1.21%; I 76.01%; N 8.39%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 204-206 dec.° (194-195°)

>>Variant: 1*H*-form

Molecular Formula: C₄H₄I₂N₂

Molecular Weight: 333.898

Accurate Mass: 333.846394

Percentage Composition: C 14.39%; H 1.21%; I 76.01%; N 8.39%

>>Derivative: 1-Me

Synonym(s): 4,5-Diiodo-1,2-dimethyl-1*H*-imidazole

CAS Registry Number: 13369-82-9

Molecular Formula: C₅H₆I₂N₂

Molecular Weight: 347.925

Accurate Mass: 347.862044

Percentage Composition: C 17.26%; H 1.74%; I 72.95%; N 8.05%

Physical Description: Prisms (EtOAc)

Melting Point: Mp 142°

References:

Vaughan, J.D. *et al.*, *J.O.C.*, 1980, **45**, 3108, (*synth*)

Pyne, S.G. *et al.*, *Synthesis*, 1994, 681, (*synth*, *ir*, *pmr*, *ms*)