



>>Entry Name: [3,3'-Bipyridine]-5,5'-dicarboxylic acid, 9CI

Synonym(s): 3,3'-Bipyridyl-5,5'-dicarboxylic acid

Molecular Formula: C₁₂H₈N₂O₄

Molecular Weight: 244.206

Accurate Mass: 244.048408

Percentage Composition: C 59.02%; H 3.30%; N 11.47%; O 26.21%

>>Derivative: Di-Me ester

CAS Registry Number: 128612-43-1

Molecular Formula: C₁₄H₁₂N₂O₄

Molecular Weight: 272.26

Accurate Mass: 272.079708

Percentage Composition: C 61.76%; H 4.44%; N 10.29%; O 23.51%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 226-226.5°

References:

Iyoda, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1990, **63**, 80-87, (*di-Me ester, synth, ir, pmr, cmr*)