



>>Entry Name: 2,6-Bis(hydroxymethyl)-3-pyridinol

Synonym(s): 3-Hydroxy-2,6-pyridinedimethanol, 9CI. 3-Hydroxy-2,6-bis(hydroxymethyl)pyridine

CAS Registry Number: 38029-16-2

Molecular Formula: C₇H₉NO₃

Molecular Weight: 155.153

Accurate Mass: 155.058244

Percentage Composition: C 54.19%; H 5.85%; N 9.03%; O 30.94%

Melting Point: Mp 146-147°

>>Derivative: Hydrochloride

CAS Registry Number: 14187-25-8

Physical Description: Cryst. (MeOH/Me₂CO)

Melting Point: Mp 144-146°

Rare Chemicals Library: S40891-3

>>Derivative: 3-Benzyl ether

CAS Registry Number: 38029-03-7

Molecular Formula: C₁₄H₁₅NO₃

Molecular Weight: 245.277

Accurate Mass: 245.105194

Percentage Composition: C 68.56%; H 6.16%; N 5.71%; O 19.57%

Melting Point: Mp 128-130° (hydrochloride)

Other Data: CAS no. refers to hydrochloride

References:

Kuhn, R. *et al.*, *Chem. Ber.*, 1953, **86**, 1333-1341, (*synth*)

U.K. Pat., 1972, 1 367 668; *CA*, **77**, 151968n, (*3-benzyl ether, synth*)

Dejardin, J.-V. *et al.*, *Bull. Soc. Chim. Fr.*, Part II, 1978, 75-82, (*synth*)

Baldo, M.A. *et al.*, *Synthesis*, 1987, 720-723, (*synth, ir, pmr*)

Aime, E. *et al.*, *Chem. Eur. J.*, 1999, **5**, 1253-1260, (*synth, pmr, cmr*)