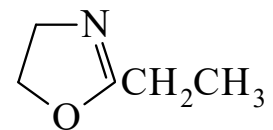




>>Entry Name: 2-Ethyl-4,5-dihydrooxazole, 9CI

Synonym(s): 2-Ethyl-2-oxazoline, 8CI



CAS Registry Number: 10431-98-8

Molecular Formula: C₅H₉NO

Molecular Weight: 99.132

Accurate Mass: 99.068414

Percentage Composition: C 60.58%; H 9.15%; N 14.13%; O 16.14%

Boiling Point: Bp 129-130°

Solubility: V. sol. H₂O

Refractive Index: n_D²⁰ 1.4370

Aldrich: 13745-6

References:

Wenker, H., *J.A.C.S.*, 1935, **57**, 1079, (*synth*)

Wagner-Janregg, T. *et al.*, *Chem. Ber.*, 1960, **93**, 3036, (*synth*)

Seeliger, W. *et al.*, *Angew. Chem., Int. Ed.*, 1966, **5**, 875, (*props*)

Seeliger, W. *et al.*, *Annalen*, 1966, **698**, 158, (*synth, ir*)