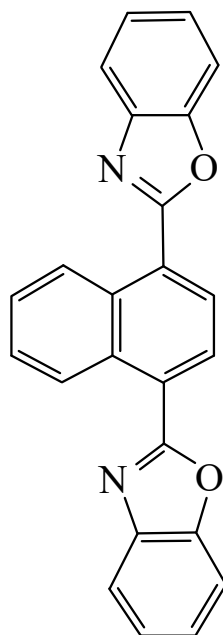




>>Entry Name: 1,4-Bis(2-benzoxazolyl)naphthalene

Synonym(s): 2,2'-(1,4-Naphthalenediyl)bis[benzoxazole], 9CI



CAS Registry Number: 5089-22-5

Molecular Formula: C₂₄H₁₄N₂O₂

Molecular Weight: 362.387

Accurate Mass: 362.105528

Percentage Composition: C 79.55%; H 3.89%; N 7.73%; O 8.83%

Use/Importance: Fluorescent whitening agent for polyester fibres and plastics

Physical Description: Cryst. (3-pentanone)

Melting Point: Mp 215-217°

References:

Netherlands Pat., 1965, 6 505 474; *CA*, **64**, 12856, (*synth*)

Shibryaeva, L.S. *et al.*, *Zh. Obshch. Khim.*, 1979, **49**, 1404, (*ms*)

Seha, Z. *et al.*, *Helv. Chim. Acta*, 1980, **63**, 413, (*synth*)