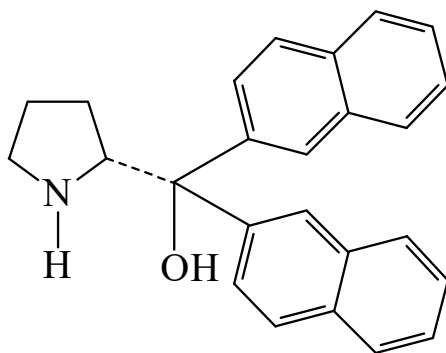




>>Entry Name: α,α -Di-2-naphthalenyl-2-pyrrolidinemethanol

Synonym(s): Di-2-naphthylprolinol



Related CAS Registry Numbers(s): 127986-84-9

Molecular Formula: $C_{25}H_{23}NO$

Molecular Weight: 353.463

Accurate Mass: 353.177964

Percentage Composition: C 84.95%; H 6.56%; N 3.96%; O 4.53%

>>Variant: (*R*)-form

CAS Registry Number: 130798-48-0

Molecular Formula: $C_{25}H_{23}NO$

Molecular Weight: 353.463

Accurate Mass: 353.177964

Percentage Composition: C 84.95%; H 6.56%; N 3.96%; O 4.53%

Use/Importance: Used for enantioselective redn. of ketones

Melting Point: Mp 137-138°

Optical Rotation: $[\alpha]_D^{21} 0$ (c, 0.7 in MeOH) (99% ee)

Aldrich: 44102-3

Fluka: 42544

References:

Corey, E.J. *et al.*, *Tet. Lett.*, 1989, **30**, 6275; 1990, **31**, 601, (*synth*)

Mathre, D.A. *et al.*, *J.O.C.*, 1991, **56**, 751, (*ir, pmr, cmr*)