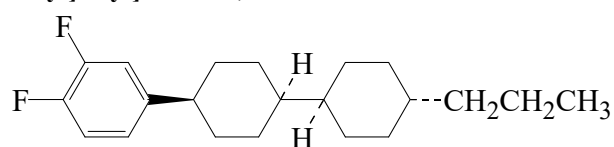




>>Entry Name: 1,2-Difluoro-4-[4'-propyl[1,1'-bicyclohexyl]-4-yl]benzene, 9CI



Molecular Formula: C₂₁H₃₀F₂

Molecular Weight: 320.465

Accurate Mass: 320.231556

Percentage Composition: C 78.71%; H 9.44%; F 11.86%

>>**Variant:** *trans,trans*-form

CAS Registry Number: 82832-57-3

Molecular Formula: C₂₁H₃₀F₂

Molecular Weight: 320.465

Accurate Mass: 320.231556

Percentage Composition: C 78.71%; H 9.44%; F 11.86%

Use/Importance: Nematic liq. cryst.. Useful for liq. cryst. mixts. with extended nematic temp. range

References:

Ger. Pat., 1982, 3 139 130; *CA*, **97**, 109680a, (*synth, props, use*)

Leclercq, P.A. *et al.*, *Org. Mass Spectrom.*, 1990, **25**, 550-553, (*ms*)

Goto, Y. *et al.*, *Mol. Cryst. Liq. Cryst.*, 1991, **209**, 1-7, (*synth, props*)

Kirsch, P. *et al.*, *Angew. Chem., Int. Ed.*, 1998, **37**, 484-489, (*synth, props*)