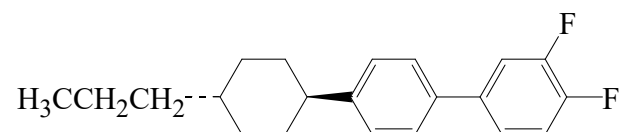




>>Entry Name: 3,4-Difluoro-4'-(4-propylcyclohexyl)-1,1'-biphenyl, 9CI



Molecular Formula: C₂₁H₂₄F₂

Molecular Weight: 314.417

Accurate Mass: 314.184606

Percentage Composition: C 80.22%; H 7.69%; F 12.08%

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

CAS Registry Number: 85312-59-0

Molecular Formula: C₂₁H₂₄F₂

Molecular Weight: 314.417

Accurate Mass: 314.184606

Percentage Composition: C 80.22%; H 7.69%; F 12.08%

Use/Importance: Exhibits liq. cryst. props.. Many patents for use in electrooptical display devices

Physical Description: No phys. props. reported

References:

Japan. Pat., 1982, 57 185 230; *CA*, **98**, 178913m, (*synth, use*)

Gouda, K. *et al.*, *J.O.C.*, 1996, **61**, 7232-7233, (*synth*)