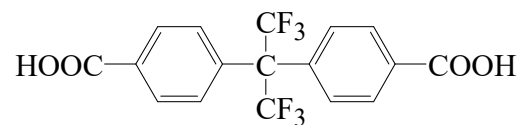




>>Entry Name: 4,4'-[2,2,2-Trifluoro-1-(trifluoromethyl)ethylidene]bis(benzoic acid), 9CI

Synonym(s): 4,4'-(Hexafluoroisopropylidene)bis(benzoic acid)



CAS Registry Number: 1171-47-7

Molecular Formula: C₁₇H₁₀F₆O₄

Molecular Weight: 392.254

Accurate Mass: 392.048328

Percentage Composition: C 52.05%; H 2.57%; F 29.06%; O 16.32%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 272-274°

Aldrich: 36767-2

>>Derivative: Dichloride

CAS Registry Number: 1102-92-7

Molecular Formula: C₁₇H₈Cl₂F₆O₂

Molecular Weight: 429.145

Accurate Mass: 427.980552

Percentage Composition: C 47.58%; H 1.88%; Cl 16.52%; F 26.56%; O 7.46%

Physical Description: Cryst. (petrol)

Melting Point: Mp 98-99°

Boiling Point: Bp_{0.5} 135-140°

References:

U.S. Pat., 1963, 3 310 573; *CA*, **68**, 14078x, (*synth*)

U.S. Pat., 1968, 3 388 097; *CA*, **69**, 28535b, (*synth*)

Pat. Coop. Treaty (WIPO), 1986, 86 01 511; *CA*, **105**, 172030n, (*synth, ir, pmr*)