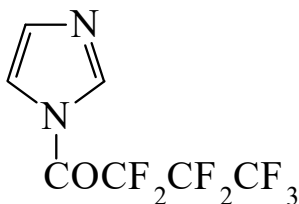




>>Entry Name: 1-(2,2,3,3,4,4,4-Heptafluoro-1-oxobutyl)-1*H*-imidazole, 9CI

Synonym(s): 1-(Heptafluorobutyryl)imidazole



CAS Registry Number: 32477-35-3

Molecular Formula: C₇H₃F₇N₂O

Molecular Weight: 264.102

Accurate Mass: 264.013359

Percentage Composition: C 31.84%; H 1.14%; F 50.36%; N 10.61%; O 6.06%

Use/Importance: Gc derivatisation reagent for amines

Boiling Point: Bp₁₂ 56-58°

Sigma: H9903

References:

Vessmann, J. *et al.*, *Anal. Lett.*, 1969, **2**, 81, (*use*)

Franken, J.J. *et al.*, *J. Chromatogr.*, 1974, **91**, 425, (*use*)

Benington, F. *et al.*, *J. Chromatogr.*, 1975, **106**, 435, (*use*)

Pachler, K.G.R. *et al.*, *Org. Magn. Reson.*, 1981, **17**, 278, (*cmr*)