



>>Entry Name: 2,2,3,3,4,4,4-Heptafluoro-*N*-methyl-*N*-(trimethylsilyl)butanamide, 9CI

CAS Registry Number: 53296-64-3

$\text{F}_3\text{CCF}_2\text{CF}_2\text{CONMeSiMe}_3$

Molecular Formula: $\text{C}_8\text{H}_{12}\text{F}_7\text{NOSi}$

Molecular Weight: 299.263

Accurate Mass: 299.057637

Percentage Composition: C 32.11%; H 4.04%; F 44.44%; N 4.68%; O 5.35%; Si 9.38%

Use/Importance: Silylation reagent for gc analysis of individual glucosinolates in plant tissue, caffeine and strychnine

Aldrich: 37611-6

Fluka: 69484

References:

Ger. Pat., 1974, 2 262 842; *CA*, **81**, 114256r, (*synth, use*)

Thies, W., *Fette, Seifen, Anstrichm.*, 1976, **78**, 231; *CA*, **85**, 76445z, (*use*)

U.S. Pat., 1976, 3 954 651; *CA*, **85**, 103518j, (*synth, use*)