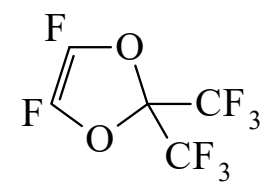




>>Entry Name: 4,5-Difluoro-2,2-bis(trifluoromethyl)-1,3-dioxole, 9CI

Synonym(s): Perfluoro-2,2-dimethyl-1,3-dioxole



CAS Registry Number: 37697-64-6

Molecular Formula: C₅F₈O₂

Molecular Weight: 244.041

Accurate Mass: 243.977054

Percentage Composition: C 24.61%; F 62.28%; O 13.11%

Use/Importance: Monomer for fluoropolymer Teflon-AF, forms polymers with numerous organic compds.

References:

U.S. Pat., 1975, 3 865 845; *CA*, **78**, 16729r

U.S. Pat., 1976, 3 978 030