



>>Entry Name: 1,2-Dibromo-1,1,2,3,3,3-hexafluoropropane, 9CI

CAS Registry Number: 661-95-0

$\text{F}_3\text{CCFBrCF}_2\text{Br}$

Molecular Formula: $\text{C}_3\text{Br}_2\text{F}_6$

Molecular Weight: 309.831

Accurate Mass: 307.86709

Percentage Composition: C 11.63%; Br 51.58%; F 36.79%

Source/Synthesis: Bromination prod. of 1,1,2,3,3,3-Hexafluoro-1-propene [DBP32-T](#)

Use/Importance: Local anaesthetic. Fire extinguishant, radiological contrast agent with low oral tox.

Physical Description: Liq.

Boiling Point: Bp 71-71.5°

Calculated Log P Data: Log P 3.37 (calc)

Aldrich: 34196-7

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 132B, (*nmr*)

Hauptschein, M. *et al.*, *J.A.C.S.*, 1954, **76**, 474, (*synth*)