



Perfluorokerosene or "PFK" (CI, negative-ion)

Disclaimer: These data are for informational use only. No guarantees are made for the accuracy of the data presented.

Reference Name: Perfluorokerosene (PFK)

Use: Electron ionization (EI) and chemical ionization (CI).

Introduced via: Heated reference inlet.

*Negative CI: Exact Masses for
Perfluorokerosene (PFK) negative ions*

Exact Mass	Composition
18.9984033	F
34.9688527	Cl
58.9933179	C ₂ FO
69.9377055	Cl ₂
84.9901244	CF ₃ O
92.9952098	C ₃ F ₃
118.992016	C ₂ F ₅
126.90446	I
134.986931	C ₂ F ₅ O
146.986931	C ₃ F ₅ O
161.99042	C ₄ F ₆
168.988823	C ₃ F ₇
173.99042	C ₅ F ₆

Mass Spectrometry Reference Data

Exact Mass	Composition
180.988823	C ₄ F ₇
184.983737	C ₃ F ₇ O
192.988823	C ₅ F ₇
199.987226	C ₄ F ₈
211.987226	C ₅ F ₈
218.985629	C ₄ F ₉
223.987226	C ₆ F ₈
230.985629	C ₅ F ₉
249.984033	C ₅ F ₁₀
261.984033	C ₆ F ₁₀
268.982436	C ₅ F ₁₁
273.984033	C ₇ F ₁₀
280.982436	C ₆ F ₂₁₁
292.982436	C ₇ F ₁₁
299.980839	C ₆ F ₁₂
311.980839	C ₇ F ₁₂
318.979242	C ₆ F ₁₃
323.980839	C ₈ F ₁₂
330.979242	C ₇ F ₁₃
342.979242	C ₈ F ₁₃
349.977646	C ₇ F ₁₄
361.977646	C ₈ F ₁₄
373.977646	C ₉ F ₁₄
380.976049	C ₈ F ₁₅
392.976049	C ₉ F ₁₅
399.974452	C ₈ F ₁₆
404.976049	C ₁₀ F ₁₅

Mass Spectrometry Reference Data

Exact Mass	Composition
411.974452	C ₉ F ₁₆
423.974452	C ₁₀ F ₁₆
430.972855	C ₉ F ₁₇
442.972855	C ₁₀ F ₁₇
454.972855	C ₁₁ F ₁₇
461.971259	C ₁₀ F ₁₈
473.971259	C ₁₁ F ₁₈
480.969662	C ₁₀ F ₁₉
492.969662	C ₁₁ F ₁₉
504.969662	C ₁₂ F ₁₉
511.968065	C ₁₁ F ₂₀
523.968065	C ₁₂ F ₂₀
530.966468	C ₁₁ F ₂₁
535.968065	C ₁₃ F ₂₀
542.966468	C ₁₂ F ₂₁
549.964872	C ₁₁ F ₂₂
554.966468	C ₁₃ F ₂₁
561.964872	C ₁₂ F ₂₂
573.964872	C ₁₃ F ₂₂
585.964872	C ₁₄ F ₂₂
592.963275	C ₁₃ F ₂₃
599.961678	C ₁₂ F ₂₄
604.963275	C ₁₄ F ₂₃
611.961678	C ₁₃ F ₂₄
623.961678	C ₁₄ F ₂₄
635.961678	C ₁₅ F ₂₄
649.958485	C ₁₃ F ₂₆

Mass Spectrometry Reference Data

Exact Mass	Composition
661.958485	C ₁₄ F ₂₆
673.958485	C ₁₅ F ₂₆
685.958485	C ₁₆ F ₂₆
699.955291	C ₁₄ F ₂₈
711.955291	C ₁₅ F ₂₈
723.955291	C ₁₆ F ₂₈
735.955291	C ₁₇ F ₂₈
747.955291	C ₁₈ F ₂₈
749.952098	C ₁₅ F ₃₀
761.952098	C ₁₆ F ₃₀
773.952098	C ₁₇ F ₃₀
785.952098	C ₁₈ F ₃₀
797.952098	C ₁₉ F ₃₀
799.948904	C ₁₆ F ₃₂
811.948904	C ₁₇ F ₃₂
823.948904	C ₁₈ F ₃₂
835.948904	C ₁₉ F ₃₂
847.948904	C ₂₀ F ₃₂
849.945711	C ₁₇ F ₃₄
861.945711	C ₁₈ F ₃₄
873.945711	C ₁₉ F ₃₄
885.945711	C ₂₀ F ₃₄
897.945711	C ₂₁ F ₃₄
899.942517	C ₁₈ F ₃₆
911.942517	C ₁₉ F ₃₆
923.942517	C ₂₀ F ₃₆
935.942517	C ₂₁ F ₃₆

Mass Spectrometry Reference Data

Exact Mass	Composition
947.942517	C ₂₂ F ₃₆
949.939324	C ₁₉ F ₃₈
961.939324	C ₂₀ F ₃₈
973.939324	C ₂₁ F ₃₈
985.939324	C ₂₂ F ₃₈
997.939324	C ₂₃ F ₃₈