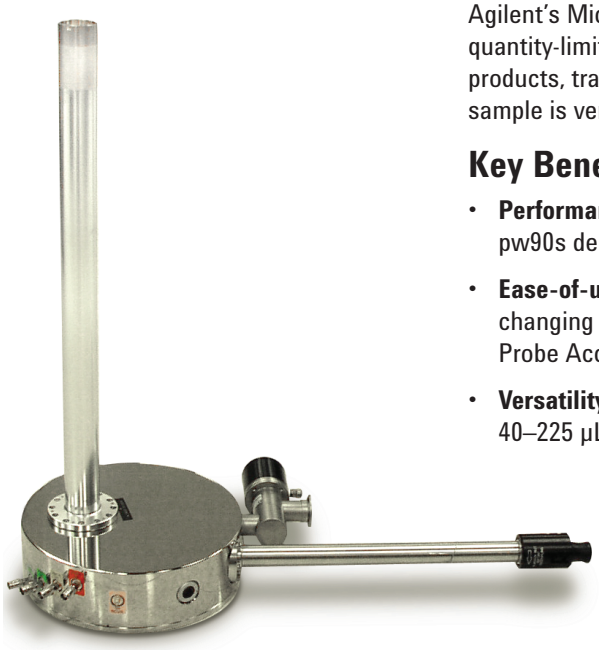
Agilent MicroSample Cold Probe

Data Sheet

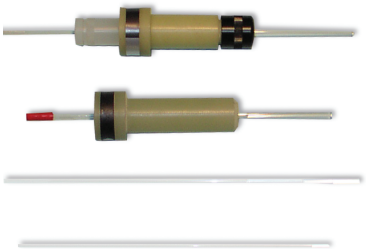


Introduction

Agilent's MicroSample Cold Probe is the best solution for the characterization of quantity-limited samples often found in important applications such as natural products, trace impurities, and any situation where the amount of the available sample is very limited.

Key Benefits

- **Performance**–Outstanding sensitivity, line shape, RF homogeneity, and very short pw90s deliver high quality data.
- **Ease-of-use**–The MicroSample Cold Probe is compatible with popular sample changing robots, ProTune for automatic probe tuning, and the removable Cold Probe Accessory.
- **Versatility**–Accommodate a selection of sample volumes ranging from 40–225 µL, with a choice of sample tubes and turbines.



Choose from 3 and 1.7 mm sample tubes and turbines.

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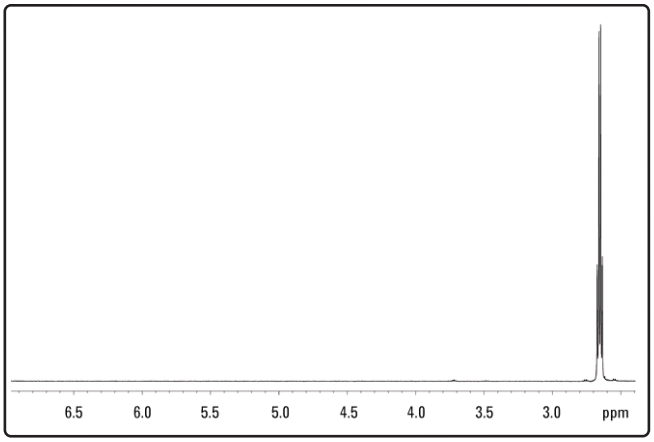

Figure 1
^{1}H s/n 0.1% ETB sample ~ 2420/1.

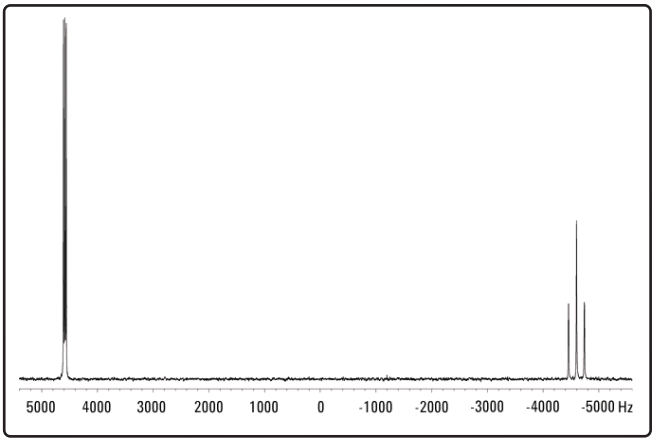

Figure 2
^{13}C s/n ASTM Sample ~ 288:1.

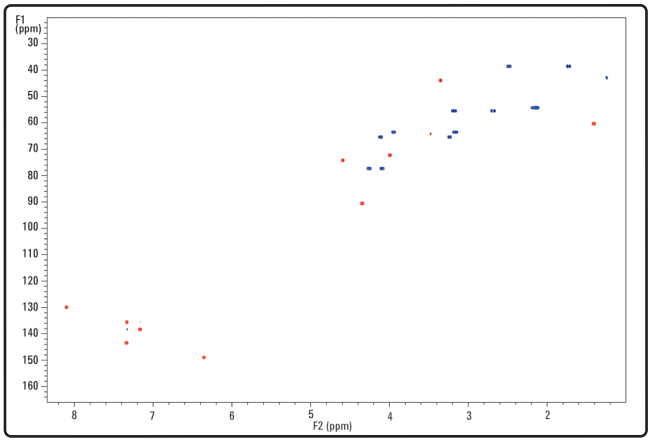

Figure 3
30.8 µg strychnine in 90 µL $CDCl_3$. Acquisition time = 7 hours.

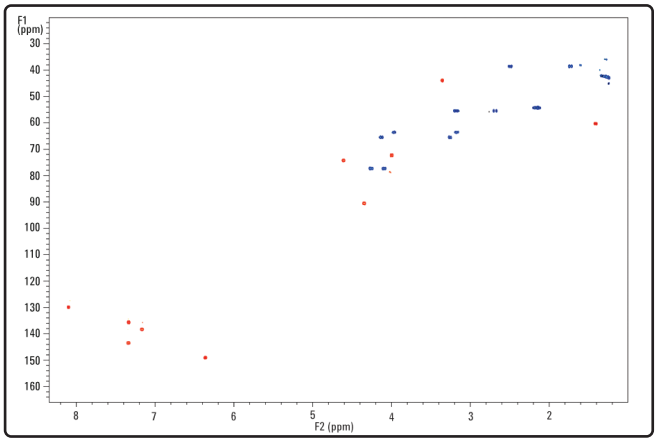

Figure 4
26.0 µg strychnine in 40 µL $CDCl_3$. Acquisition time = 7 hours.

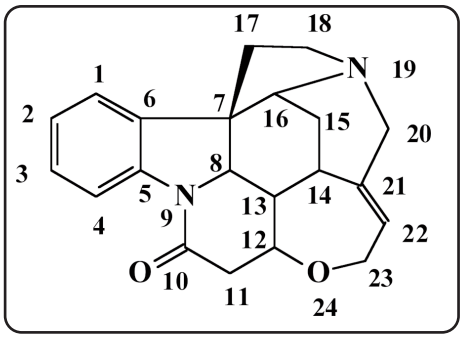

Figure 5
Strychnine.

Ordering Information

MicroSample Cold Probe Configuration	500 MHz Part number	600 MHz Part number	700 MHz Part number	800 MHz Part number
^{1}H{^{13}C ^{15}N}	S199005300	S199006300	S199007300	S199008300
^{13}C Enhanced ^{1}H{^{13}C ^{15}N}	S199005320	S199006320	S199007320	S199008320

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