J. Org. Chem., 1998, 63(12), 3810-3811, DOI:10.1021/jo980593k

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|  |  |  |  | PPM |  |  |  |  |

\#16
$\left(\mathrm{in} \mathrm{C}_{6} \mathrm{D}_{6}\right)$


HA 16+- bZ HACOSY.smX (in $\mathrm{C}_{6} \mathrm{D}_{6}$ )


$\left(\right.$ in $\left.\mathrm{CDCl}_{3}\right)$


16a

$16 b$



HA-17 COSY


$$
\left(\text { in } \mathrm{C}_{6} \mathrm{D}_{6}\right)
$$





