



Boc-[$\beta^3(\text{R})\text{Val}$]₉-OMe in CDCl_3

Gijo George, 2015

NMR Research Center | Indian Institute of Science

Field strength: 700 MHz

Why is this your favorite spectrum?

This is a NOESY spectra of a small nine-residue peptide made of 9 $\beta^3(\text{R})\text{Val}$ residues. But it shows extensive spin diffusion peaks in 1:1 mixture of CDCl_3 and DMSO-d_6 . For more information, please see the below references.

Vasanth B, George G, Raghothama S, and Balaram P. Homooligomeric $\beta^3(\text{R})$ -valine peptides: transformation between C^{14} and C^{12} helical structures induced by a guest Aib residue. *Peptide Science* 2017;108:e22935.