

NMR software DeltaV5.3.1 Introduction of new features
 ~ “pure shift”(3)~HOBS

Product used : Nuclear Magnetic Resonance (NMR)

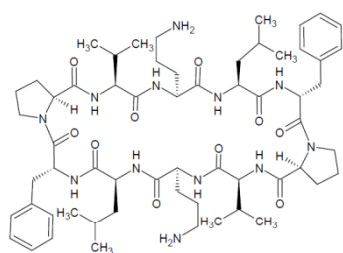
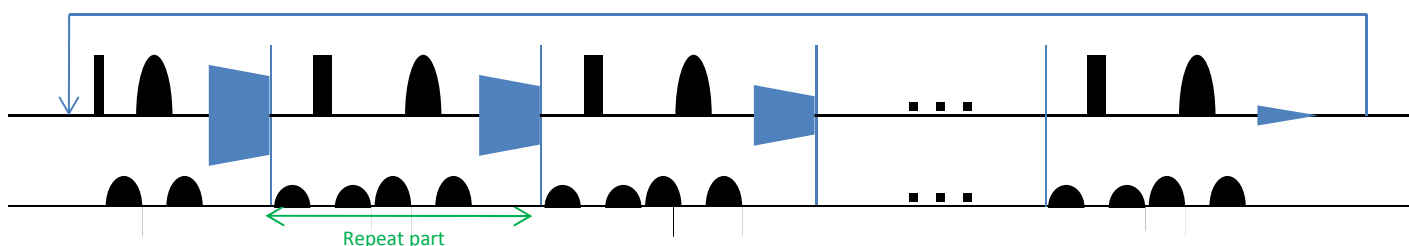
“pure shift” is a method of homo nuclear broad band decoupling. Sensitivity would be reduced, but spectra of only (pure) chemical shifts can be obtained by eliminating j coupling.

HOBS method is one of "pure shift" methods enables homo nuclear broad band decoupling for the selected spectrum region. Multiple sampling in 1 scan makes "pure shift" data in a short time.

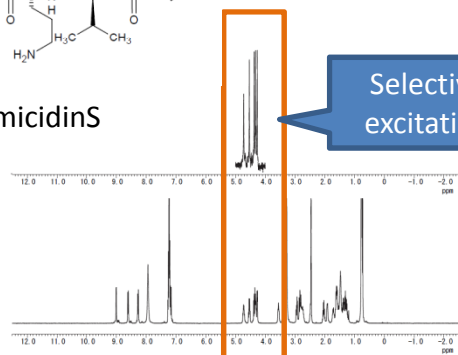
The JNM - ECZ series has been adapted for "pure shift" measurement & processing from NMR software Delta V 5.3.1.

HOBS (HOmo-decoupled Band-Selective NMR)

A loop of a combination of a hard pulse and a selective 180 pulse within one scan

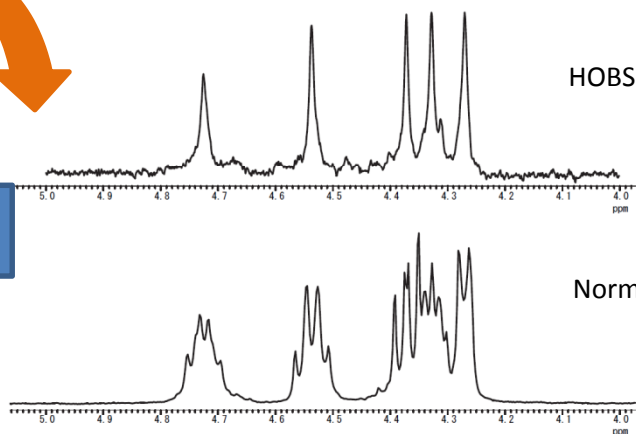


GramicidinS



Selective excitation

Expansion



Instrument example : JNM-ECZ400S and ROYALPROBE™ HFX

※Please note that the design, specifications, appearance, price of the product may be changed without notice

Laura Castañar Dr. Pau Nolis Prof. Albert Virgili Dr. Teodor Parella, Chem. Eur. J. 2013, 19, 17283-17286

Copyright © 2019 JEOL Ltd.

Certain products in this brochure are controlled under the “Foreign Exchange and Foreign Trade Law” of Japan in compliance with international security export control. JEOL Ltd. must provide the Japanese Government with “End-user’s Statement of Assurance” and “End-use Certificate” in order to obtain the export license needed for export from Japan. If the product to be exported is in this category, the end user will be asked to fill in these certificate forms.

