

Delta NMR software J coupling analysis tool

NM160007E

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Facilitates analysis of your spectral data

Simply load peak data and integral data

J coupling data

- Chemical shift
- Integral value
- Split pattern
- Spin coupling constant

Analytical results in specific format

No.	位置 [ppm]	積分値	パターン	J
1	7.32[ppm]	1	d	J1 = 10.1[Hz]
2	6.16[ppm]	1	dd	J1 = 10.1[Hz], J2 = 1.9[Hz]
3	5.91[ppm]	1	s	
4	5.17[ppm]	1	s	
5	4.65[ppm]	2	m	
6	4.49[ppm]	1	dd	J1 = 19.1[Hz], J2 = 5.9[Hz]
7	4.28[ppm]	1	t	J1 = 2.9[Hz]
8	4.07[ppm]	1	dd	J1 = 19.1[Hz], J2 = 5.8[Hz]

論文書式

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[1H-NMR (490 MHz, DMSO-D6) δ 7.32 (d, J = 10.1 Hz, 1H), 6.16 (dd, J = 10.1, 1.9 Hz, 1H), 5.91 (s, 1H), 5.17 (s, 1H), 4.74-4.57 (m, 2H), 4.49 (dd, J = 19.1, 5.9 Hz, 1H), 4.28 (t, J = 2.9 Hz, 1H), 4.07 (dd, J = 10.1, 5.8 Hz, 1H), 2.66-2.42 (m, 2H), 2.29 (dd, J = 13.2, 3.2 Hz, 1H), 2.13-1.93 (m, 2H), 1.86 (dd, J = 13.5, 3.4 Hz, 1H), 1.75-1.48 (m, 2H), 1.47-1.24 (m, 4H), 1.24-1.19 (m, 1H), 1.01 (dd, J = 13.2, 4.4 Hz, 1H), 0.89 (dd, J = 10.9, 3.1 Hz, 1H), 0.77 (s, 3H)
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1. J coupling analysis tool

automatically analyzes split patterns of signals resulting from J coupling.

Simply load data subjected to peak detection and integration, and the tool will automatically display chemical shift, split pattern, and J coupling constant from the peaks within the integral range.

2. Cross reference between numerical and spectral data

The tool allows for easy cross-reference between J coupling data of each signal and spectral data. Signals having an equal coupling constant are color coded.

3. Simple editing of results

The tool allows for easy editing of acquired data for re-analysis.

4. Speedy documentation

J coupling data is displayed in a specific format appropriate for official documentation.

*Supported in Delta V5.0.4.3 or higher