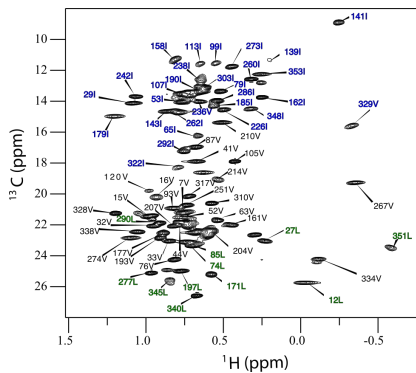




Kits for solid-state and dynamics NMR Studies

Optimized kits for solid-state NMR applications and dynamics studies. Kits are available for regio and/or stereospecific labeling of Isoleucine, Leucine, Valine and Alanine with $^{13}\text{CHD}_2$ isotopomers. Incorporation of $^{13}\text{CHD}_2$ groups in perdeuterated proteins allows the measurement of precise dynamics information and the acquisition of high resolution ^1H , ^{13}C -spectra by solution and solid-state NMR spectroscopy.

Important: Kits combining $^{13}\text{CHD}_2$ isotopomer with ^{13}C spin system connecting the methyl groups to the backbone nuclei of Alanine, Valine and Leucine were recently introduced. Please contact us for supplementary information.



ssNMR spectrum of TET2 (468 kDa) prepared using NMR-Bio **TLAM- $^{13}\text{I}^{\delta 1}\text{L}^{\text{proS}}\text{-CHD}_2$** . Courtesy of Dr. Schanda. (Gauto et al., Nat. Commun 2019).

Examples of kits	$^{13}\text{CHD}_2$ groups Labeled	Prices* (1 kit for 1 L. of culture)
SLAM- $\text{I}^{\delta 1}\text{-CHD}_2$	Ile $^{\delta 1}$	610 €
SLAM- $\text{V}^{\text{proS}}\text{-CHD}_2$	Val $^{\text{proS}}$	545 €
SLAM- $\text{A}^{\beta}\text{-CHD}_2$	Ala $^{\beta}$	790 €
DLAM- $\text{LV}^{\text{proS}}\text{-CHD}_2$	Leu $^{\text{proS}}$ Val $^{\text{proS}}$	400 €
DLAM- $\text{I}^{\delta 1}\text{V}^{\text{proS}}\text{-CHD}_2$	Ile $^{\delta 1}$ Val $^{\text{proS}}$	1140 €
DLAM- $\text{A}^{\beta}\text{I}^{\delta 1}\text{-CHD}_2$	Ala $^{\beta}$ Ile $^{\delta 1}$	1180 €
DLAM- $\text{A}^{\beta}\text{V}^{\text{proS}}\text{-CHD}_2$	Ala $^{\beta}$ Val $^{\text{proS}}$	1065 €
TLAM- $\text{I}^{\delta 1}\text{LV}^{\text{proS}}\text{-CHD}_2$	Ile $^{\delta 1}$ Leu $^{\text{proS}}$ Val $^{\text{proS}}$	1010 €
TLAM- $\text{A}^{\beta}\text{I}^{\delta 1}\text{V}^{\text{proS}}\text{-CHD}_2$	Ala $^{\beta}$ Ile $^{\delta 1}$ Val $^{\text{proS}}$	1460 €
TLAM- $\text{A}^{\beta}\text{LV}^{\text{proS}}\text{-CHD}_2$	Ala $^{\beta}$ Leu $^{\text{proS}}$ Val $^{\text{proS}}$	930 €
QLAM- $\text{A}^{\beta}\text{I}^{\delta 1}\text{LV}^{\text{proS}}\text{-CHD}_2$	Ala $^{\beta}$ Ile $^{\delta 1}$ Leu $^{\text{proS}}$ Val $^{\text{proS}}$	1310 €
DLAM- $\text{LV}^{\text{proS}}\text{-CHD}_2\text{-U-}[^{13}\text{C}]$	Leu $^{\text{proS}}$ Val $^{\text{proS}}$	830 €

– ACADEMIC RESEARCH USE ONLY –

*The listed prices exclude shipping fees and importation tax. Discounts apply for larger quantities. For specific quote contact us at sales@nmr-bio.com.