

carbohydrates

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Orientation of the Addition of Dimethyl Phosphonate to 5,6-Dideoxy-6-nitro-D-hex-5-enofuranoses.

— Carbohydrates of type (I) and (V) react with $\text{HPO}(\text{O-Me})_2$ at 25 °C in the presence of NEt_3 to yield predominantly (R)-adducts, while at 100 °C without NEt_3 formation of (S)-adducts is preferred. — (HANAYA, T.; YAMAMOTO, H.; Bull. Chem. Soc. Jpn. 65 (1992) 4, 1154-1156; Dep. Chem., Fac. Sci., Okayama Univ., Tsushima, Okayama 700, Japan; EN)

