

Synthese von 6-O-Benzylguanin und seinen Anker-Konjugaten

Synthesis of 6-O-Benzyl Guanine and its Conjugations with Linkers

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Z. Naturforsch. **59b**, 802 – 806 (2004); eingegangen am 19. Februar 2004

An improved synthesis of 6-O-benzyl guanine which is an important inhibitor of O^6 -alkyl-guanine DNA alkyltransferase (AGT) is described. In addition the conjugation of this guanine derivative was achieved with a functionalised hydrophilic linker which is of interest for immobilisation of this inhibitor and its conjugation with targeting components.

Key words: O-Benzyl-guanine, O-Alkyl Guanine Transferase Inhibitors, Heterocycles,
Nucleobases, Allyl Linker