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Erratum

AZIRIDINAMINE CHEMISTRY,I. --THERMAL DECOMPOSITION OF CIS AND TRANS-2,3-DIPHENYLAZIRIDINAMINE. Paul M. Lahti, Tetrahedron Letters, 24, 2339-2342 (1983)

The article states incorrectly that Eschenmoser et.al. reported the pyrolysis products of diphenylaziridinamines in Helv.Chim.Acta, 53, 1479 (1970).

In fact, this article reported the pyrolysis of the aziridinamines in the presence of phenylglyoxal, hence the cis/trans stilbene ratios reported were from pyrolysis of unisolated phenylglyoxal hydrazones. Thus the apparent inconsistency between the statements in the more recent article, that "Eschenmoser et al. reported that pyrolysis of 1 ... gave 98.5% cis-stilbene," and that (in the just published work) "decomposition of 1 gives more than 99:1 trans:cis stilbene" is due solely to a mistranslation of Professor Eschenmoser's article. In fact, the 98.5% cis-stilbene product analysis in Professor Eschenmoser's article was from pyrolysis of the unisolated aziridinamine-derived hydrazone of phenylglyoxal. The author wishes to apologise for the inadvertent misrepresentation of Professor Eschenmoser's work.