

"DSA: A New Internal Standard for NMR Studies of Cationic Peptides" Nowick, J. S.; Khakshoor, O.; Hashemzadeh, M.; Brower, J. O. Presented at the 227th National Meeting of the American Chemical Society, Anaheim, CA, March 2004; paper ORG 492.

**Abstract:** The widely used internal standard for NMR studies in aqueous solution DSS (sodium 4,4-dimethyl-4-silapentane-1-sulfonate) can interact with cationic peptides, diminishing its value for such studies. This paper describes DSA (4,4-dimethyl-4-silapentane-1-ammonium trifluoroacetate) as a new internal standard that does not suffer from this problem. Examples of the superiority of DSA from our recent publication [*Org. Lett.* **2003**, 5, 3511-3513] and additional examples will be presented. Free samples of DSA are available to *principal investigators* upon request by e-mail to [jsnowick@uci.edu](mailto:jsnowick@uci.edu).

