

Sample Name:

tert-Butyldimethylsiloxyethylbromide

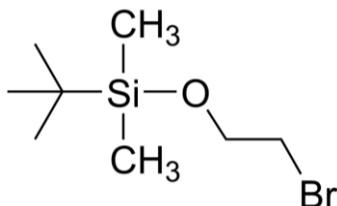
Synonym:

(2-Bromoethoxy) (tert-butyl) dimethylsilane

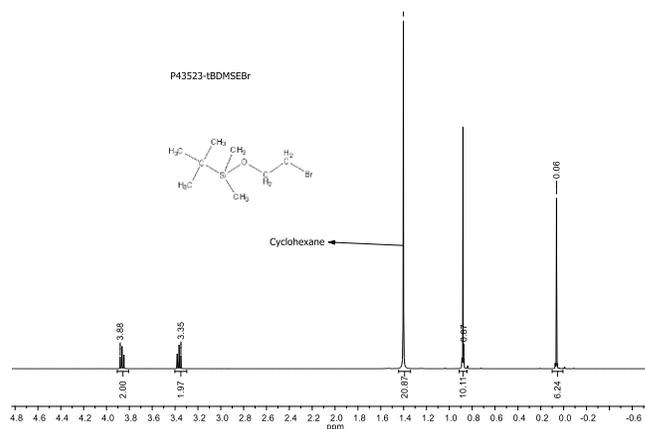
Sample #: **tBuDMSEBr**

Lot#: **P43523**

Structure:



¹H-NMR spectrum of the product:



Composition:

Mw (g/mol)	239
Purity	98%
Chemical Formula	C ₈ H ₁₉ BrOSi
CAS Number	86864-60-0

Characterization:

Structure confirmation and purity estimation were acquired from ¹H NMR spectroscopy data.

Application:

Reagent for N-protection with the TBSO-ethyl group. Treatment with Jones reagent effects hydrolysis and concomitant oxidation leading to Nc-acetic acids for further synthetic elaboration. Useful reagent for the Pd-catalyzed N-hydroxyalkylation reactions.