**α-Amino Weinreb Amides**

N’-Methoxy-N’-methylamides of α-amino acids are useful starting materials for the synthesis of chiral molecules. Addition of nucleophiles gives high yields of ketones; overaddition produces little, if any, alcohols. Reduction of the amides with LiAlH₄, DIBAL-H, or Red-Al® produces α-amino aldehydes. Examples in which researchers have utilized these important compounds are shown below.

Aldrich now offers several optically pure, t-Boc protected α-amino Weinreb amides and plans to expand this line in the near future. To suggest new Weinreb amides or inquire about other N’-methoxy-N’-methylamides of α-amino acids, please call our Technical Services Department at **800-231-8327**.

### References:


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