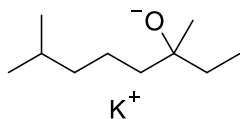


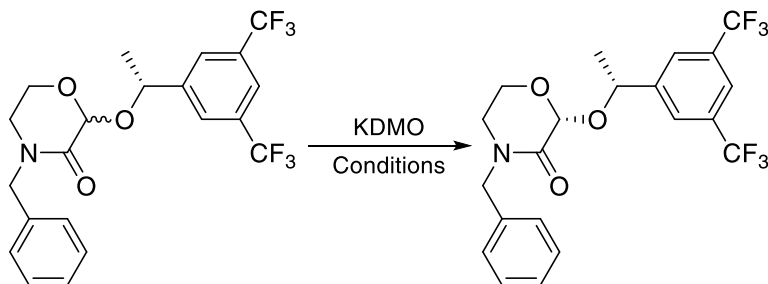
Catalog # 19-1030 CALLERY™ Potassium 3,7-Dimethyl-3-octylate, 50% in *n*-heptane, KDMO



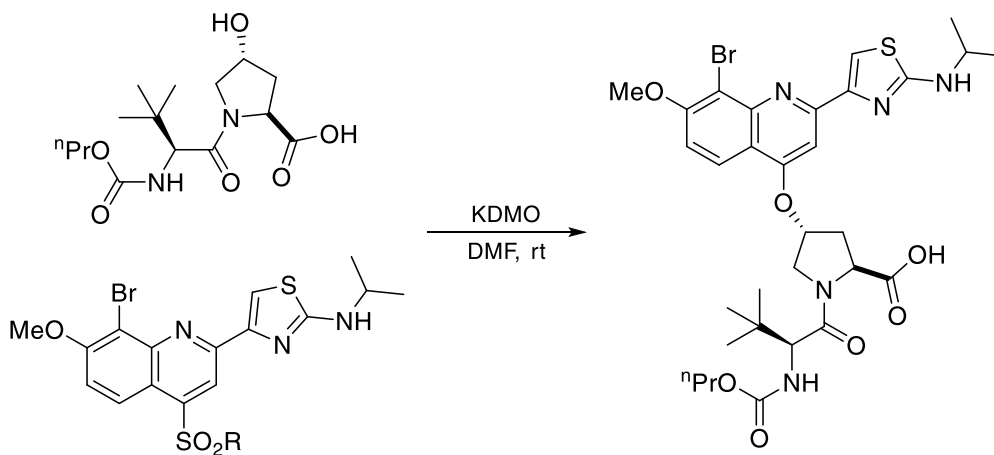
KDMO is highly soluble in alkanes and is liquid when neat, providing advantages in reactor utilization.

Technical Notes:

1. Base additive in the epimerization process giving a high yield and diastereomer ratio of an intermediate in the synthesis of aprepitant
2. Base used for the stereoregulation in the anionic polymerization of styrene [Ref. 2]
3. Used in the convergent Synthesis of HCV Protease Inhibitor, BI 201420MU, using  $S_NAr$  Strategy



**Tech Note (1)**  
**Ref. (1)**



**Tech Note (3)**  
**Ref. (3)**

References:

1. [J. Am. Chem. Soc. 2003, 125, 2129](#)
2. [Polymer 2003, 44, 7601](#)
3. [J. Org. Chem. 2020, 85, 8339](#)