

28AB-ISMS02 **Novel Organic Reagents Suitable for Drug Discovery—Aminomethyl and Alkoxymethyl Trifluoroborate**

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Alkoxymethyl and aminomethyl moieties attached to an aromatic ring are widely used in many bioactive molecules and their synthetic precursors. Herein we describe versatile methods to introduce these moieties into various aromatic rings using novel aminomethyl and alkoxymethyl trifluoroborates (pat. US7696347B2, US8044216B2). In addition, we introduce recent application examples to medicinal chemistry. The reagents are utilized for the synthesis of a variety of bioactive compounds in >20 literatures and patents even only after 2014. Currently two reagents are commercially available from TCI chemicals.