

An Efficient One-Pot Synthesis of β -Enamino Ketones from *Endo* Glucal via Hypervalent Iodine

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β -Enamino ketones were successfully synthesized by reacting *endo* glucals with hypervalent iodine and primary or secondary amines in one-pot reaction. After oxidation and protonation on hypervalent iodine agent in acidic condition, *endo* glucals effectively were converted to uncyclic β -alkoxyvinyl ketones. Following the further substitution with primary or secondary amines, the corresponding β -enamino ketone derivatives were obtained in 57–67 % yields.

