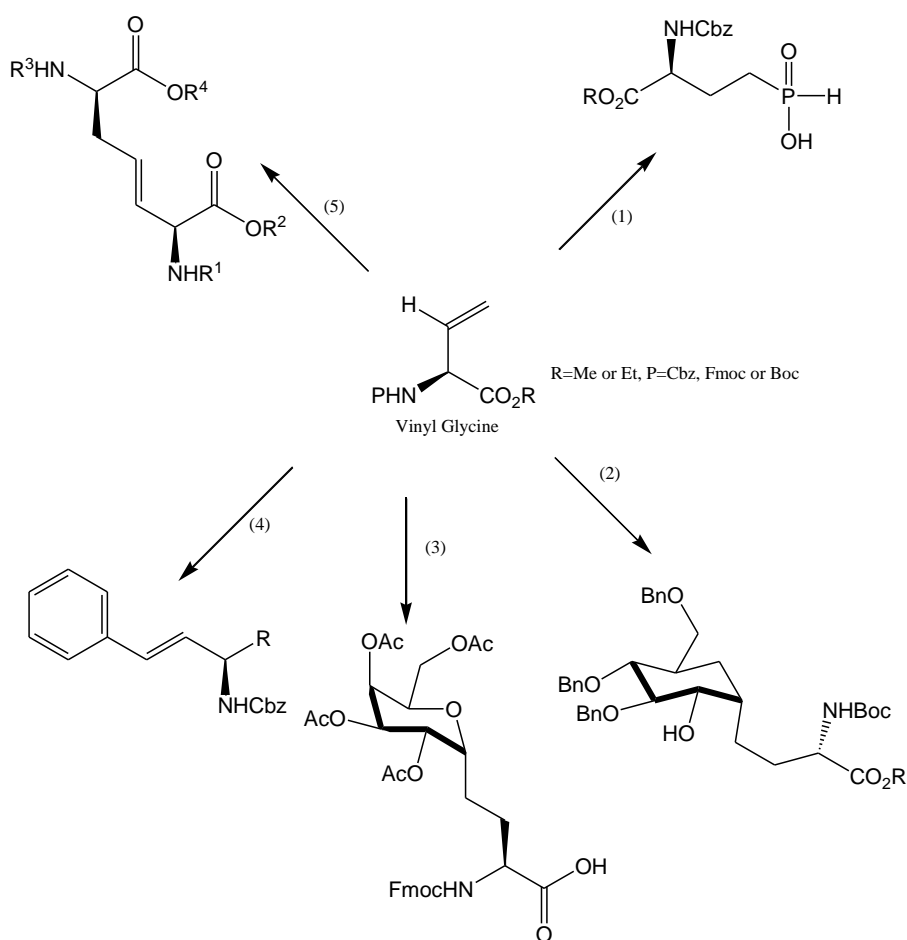


## Vinyl Glycine

## New Vinyl Glycine Intermediates for Amino Acid Synthesis from Park Place Research

2<sup>nd</sup> April 2012

Park Place Research is pleased to announce the availability of protected Vinyl Glycines, which are very useful and important intermediates for the synthesis of a variety of structurally diverse amino acids. We have developed the chemistry so that the building block can be protected with a variety of groups that will fit in with our customer's downstream chemistry. The vinyl group offers the opportunity to explore metathesis and metal catalyzed chemistries. The compound is currently available at multi-gram scale. Numerous types of amino acids that can be synthesised from this starting material are highlighted in the scheme below;



## References:

- 1). J. K. Coward *et al*, *J. Org. Chem.*, 2005, 70, 6757
- 2). a). E. G. Nolen *et al*, *Org. Lett.*, 2005, 7, 3383. b). E. G. Nolen *et al*, *Tet. Lett.*, 2003, 44, 2449
- 3). R. N. Ben *et al*, *J. Org. Lett.*, 2005, 7, 3383
- 4). a). P. T. Glink *et al*, *Tetrahedron*, 1992, 48, 3541. b). P. T. Glink *et al*, *Tetrahedron*, 1996, 52, 12465
- 5). G. J. Boons *et al*, *Tet. Lett.*, 2005, 46, 1675

## Applications

- $\beta,\gamma$ -unsaturated, C-glycosyl and unnatural amino acids

For more information, including pricing, contact us or please visit <http://www.parkplaceresearch.com/>