

June 4, 2009

Dear Healthcare Professional:

We are writing to inform you that, after careful consideration, Targacept, Inc. has determined to discontinue the manufacture and distribution of Inversine® (mecamylamine hydrochloride), 2.5 mg tablets, effective as of September 30, 2009.

We expect that Inversine[®] will remain available through pharmacies and wholesalers until September 30, 2009 and thereafter until supplies are exhausted. In anticipation of a lack of available supply after September 30, 2009, we recommend that you do not start any new patients on Inversine[®] and encourage you to consider transitioning patients currently using Inversine to alternative therapies.

If you are aware of a patent receiving Inversine[®] and are not the prescribing healthcare provider, please notify the prescribing healthcare provider of this notice.

If you or any of your colleagues has any medical questions regarding the discontinuation of Inversine[®], please call David A. Hosford, M.D., Ph.D. Targacept's Senior Medical Director, at 336-480-2100. For all other inquiries related to this notice, please call 336-480-2233.

Sincerely,

David A. Hosford, M.D., Ph.D.

Senior Medical Director

Targacept, Inc.

200 E. First Street, Suite 300 Winston-Salem, NC 27101