

Supplementary information: Analytical Methods

LC-ESI-MS/MS studies on Saxagliptin and its forced degradation products

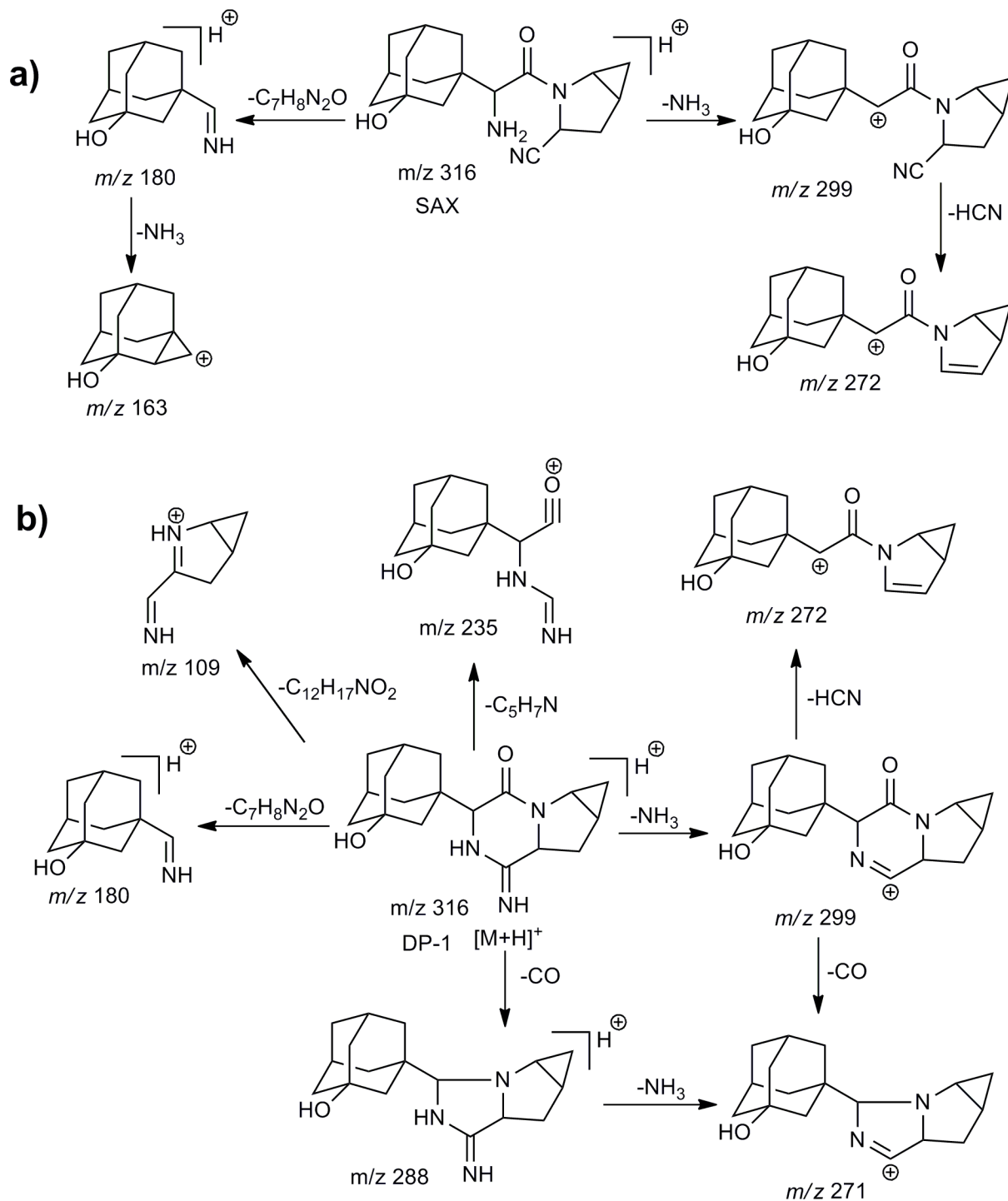
L. Sridhar,¹ P. Goutami,¹ D. Vijay Darshan,¹ K. Ramakrishna,² R. Nageswara Rao,² and S. Prabhakar*,¹

¹*National Centre for Mass Spectrometry*
²*HPLC Group, Analytical Chemistry Division*
CSIR-Indian Institute of Chemical Technology, Hyderabad-500 007, INDIA

Correspondence author: S. Prabhakar, National Centre for Mass Spectrometry, CSIR-Indian Institute of Chemical Technology, Hyderabad- 500 007, India.
Tel: 0091-40-27191343, e-mail: prabhakar@iict.res.in

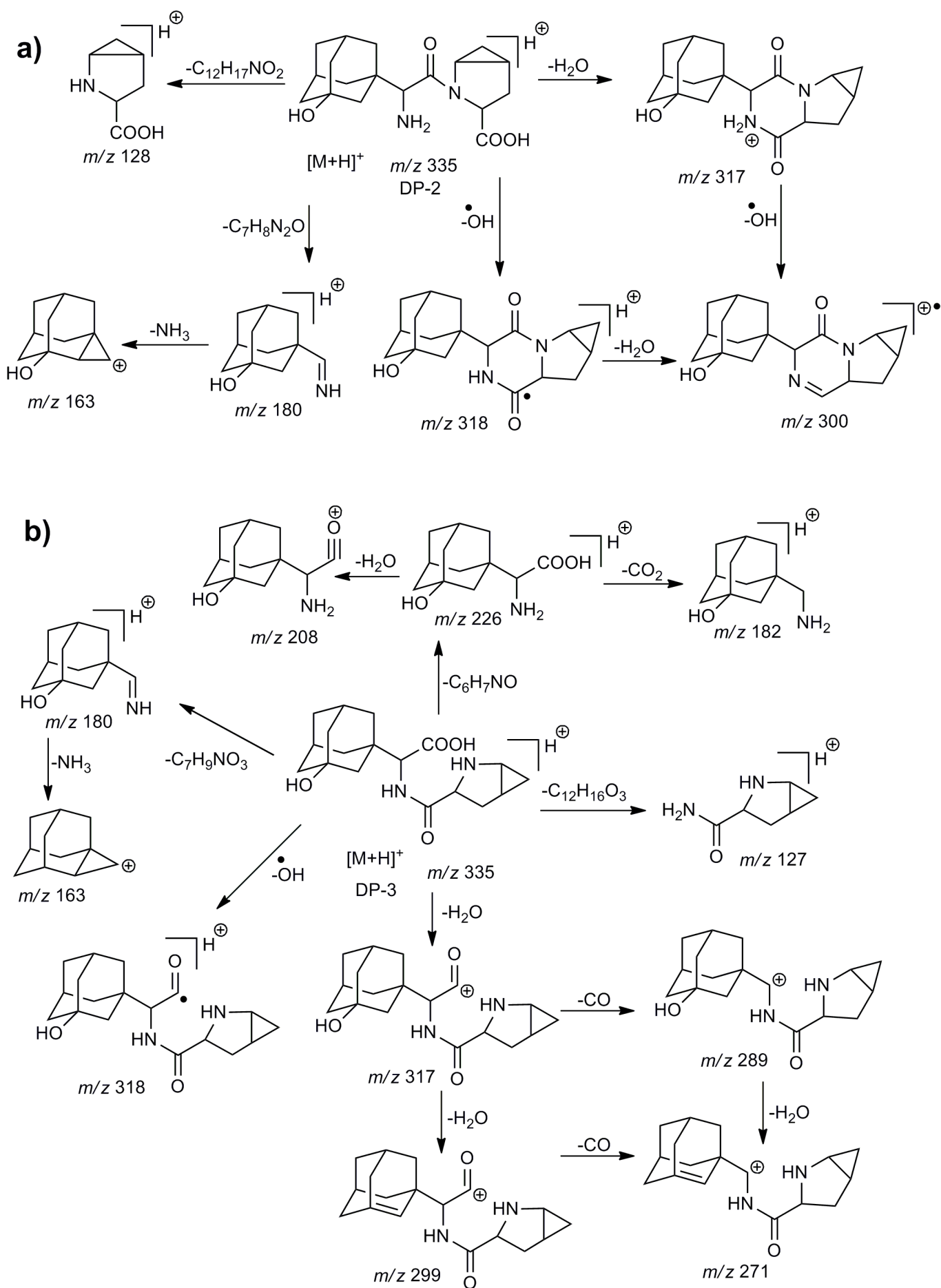
Supplementary Scheme S1. General ESI-MS/MS fragmentation pattern of $[M+H]^+$ ion

of a) SAX and b) DP-1.

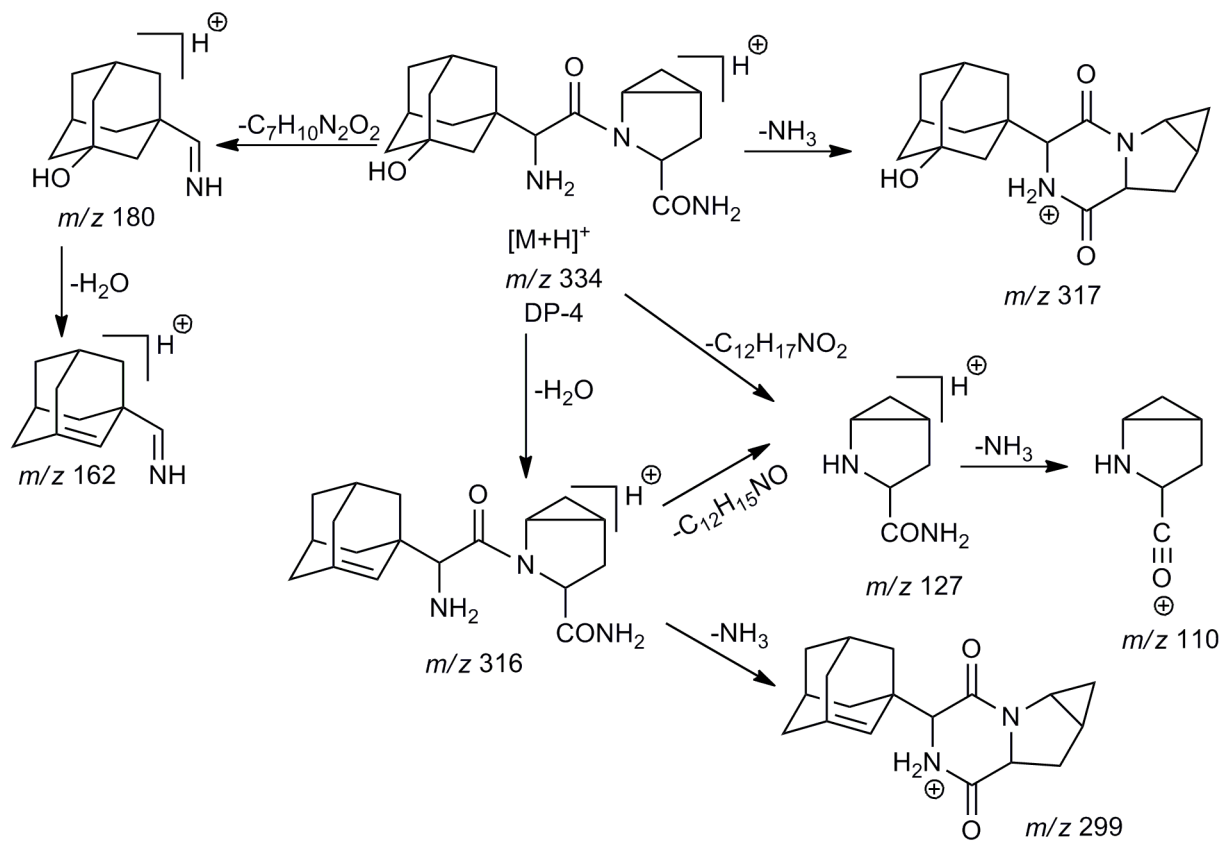


Supplementary Scheme S2. General ESI-MS/MS fragmentation pattern of $[M+H]^+$ ion of a)

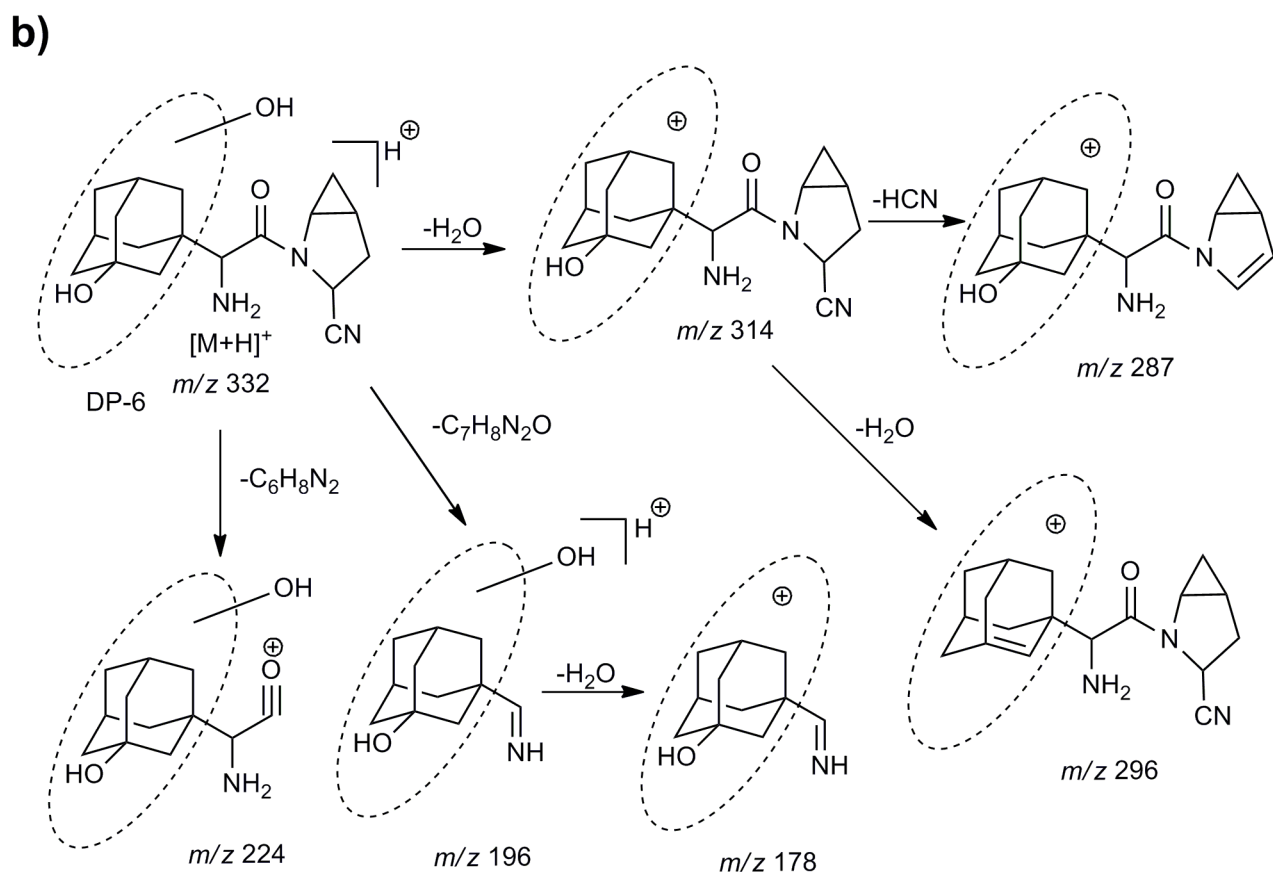
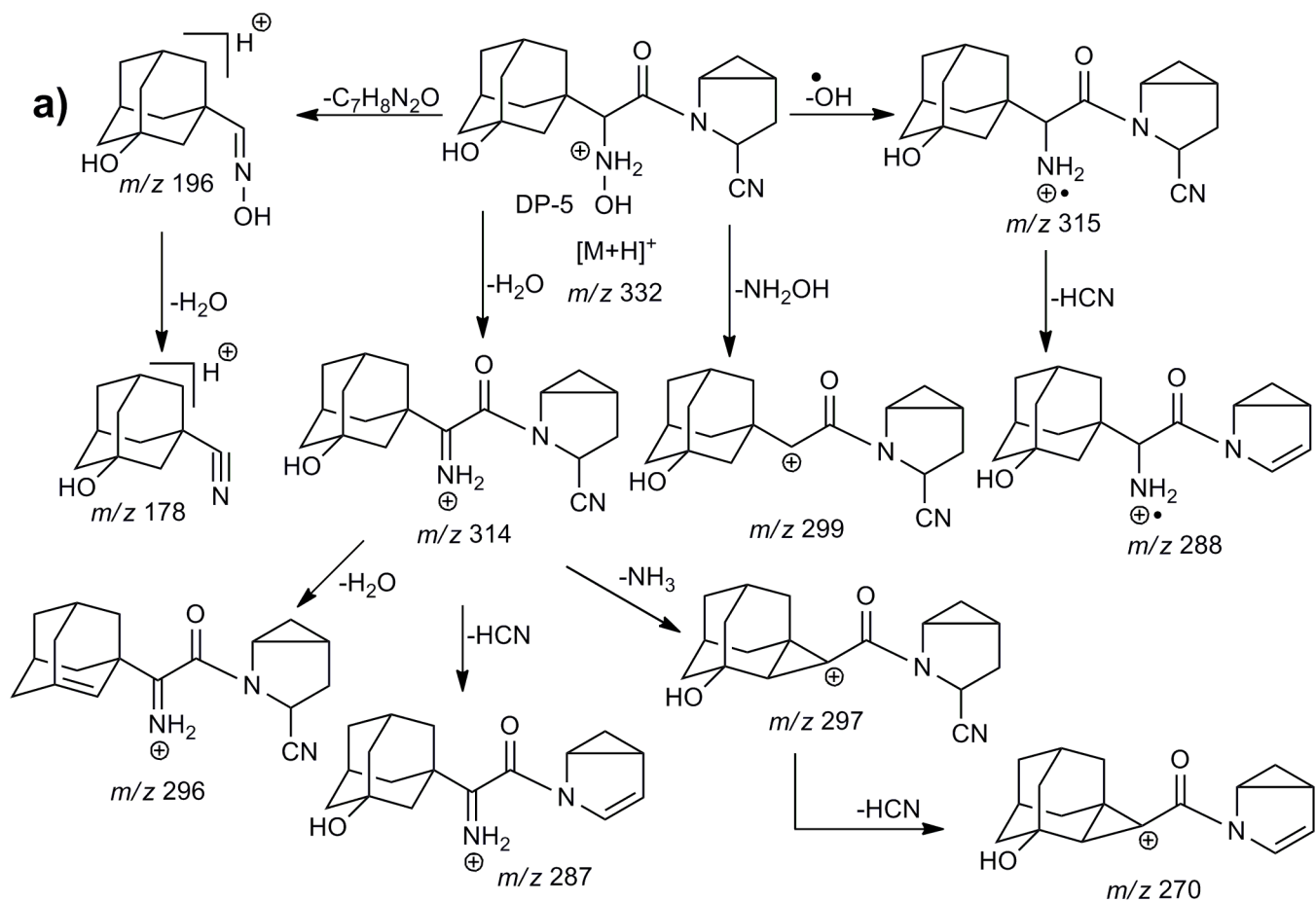
DP-2 and b) DP-3.



Supplementary Scheme S3. General ESI-MS/MS fragmentation pattern of $[M+H]^+$ ion of DP-4.



Supplementary Scheme S4. General ESI-MS/MS fragmentation pattern of $[M+H]^+$ ion of a) DP-5 and b) DP-6.



Supplementary Scheme S5. General ESI-MS/MS fragmentation pattern of $[M+H]^+$ ion of DP-7.

