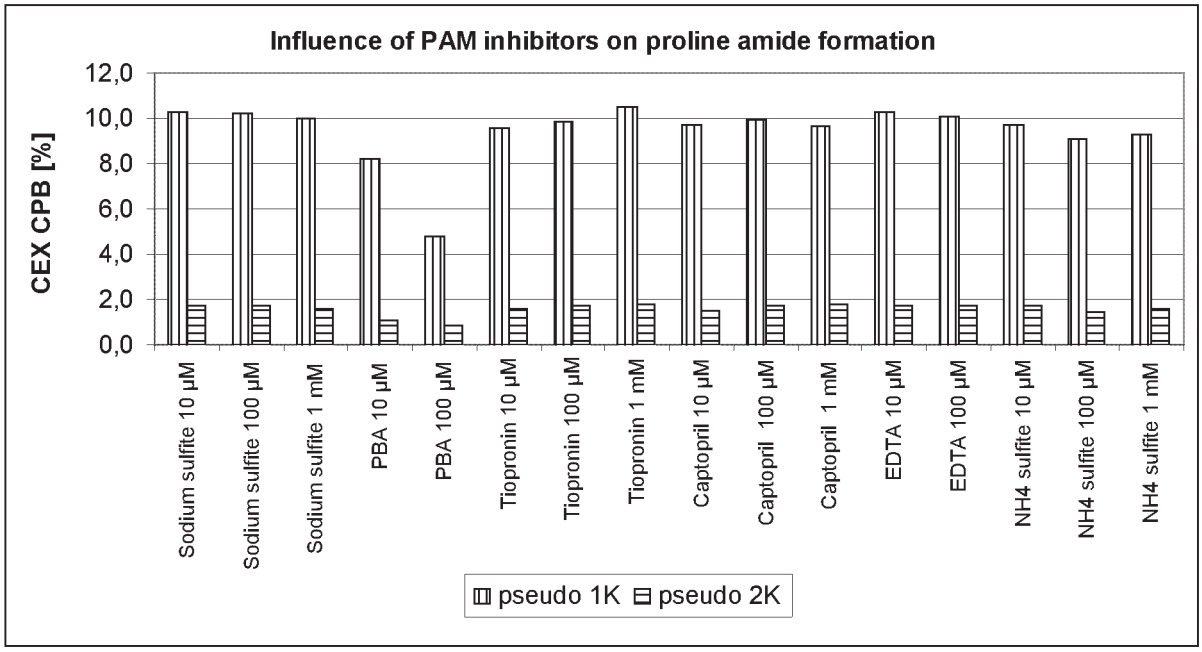

Influence of PAM inhibitors on proline amide formation
CEX CPB [%]
12,0
10,0
8,0
6,0
4,0
2,0
0,0
Sodium sulfite 10 µM
Sodium sulfite 100 µM
Sodium sulfite 1 mM
PBA 10 µM
PBA 100 µM
Tiopronin 10 µM
Tiopronin 100 µM
Tiopronin 1 mM
Captopril 10 µM
Captopril 100 µM
Captopril 1 mM
EDTA 10 µM
EDTA 100 µM
NH4 sulfite 10 µM
NH4 sulfite 100 µM
NH4 sulfite 1 mM
pseudo 1K
pseudo 2K

Fig. 1

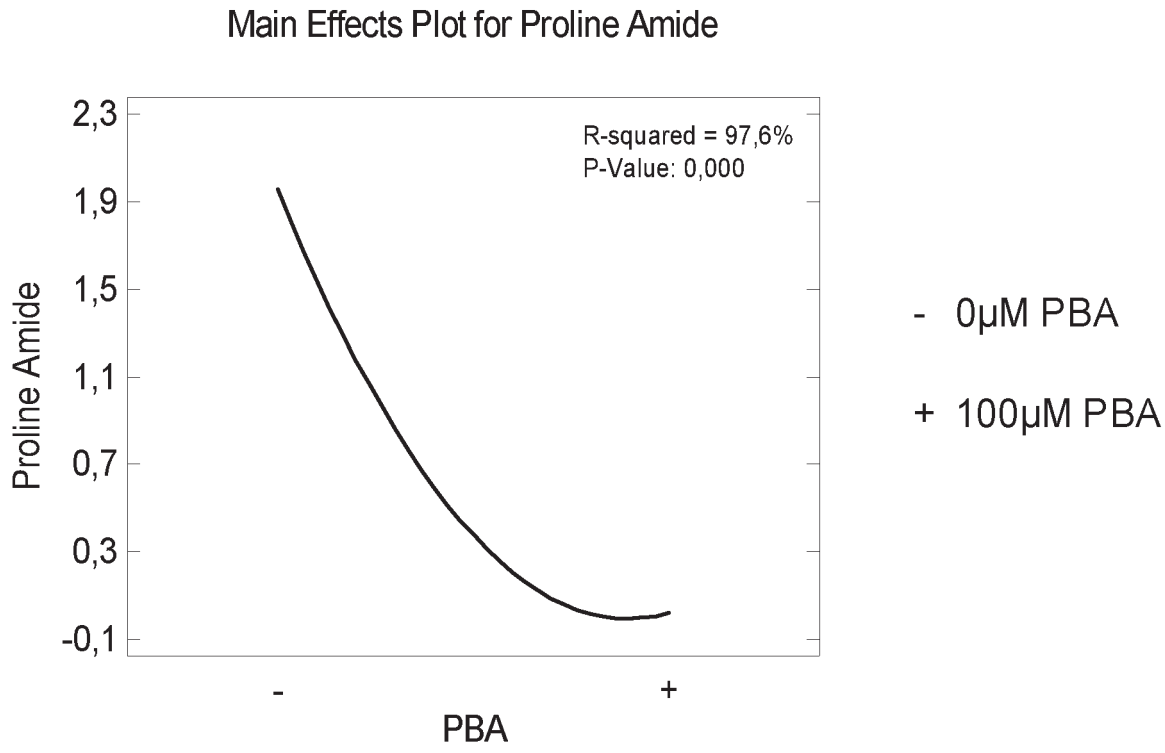

Main Effects Plot for Proline Amide
R-squared = 97,6%
P-Value: 0,000
Proline Amide
2,3
1,9
1,5
1,1
0,7
0,3
-0,1
-
+
PBA
- 0µM PBA
+ 100µM PBA

Fig. 2

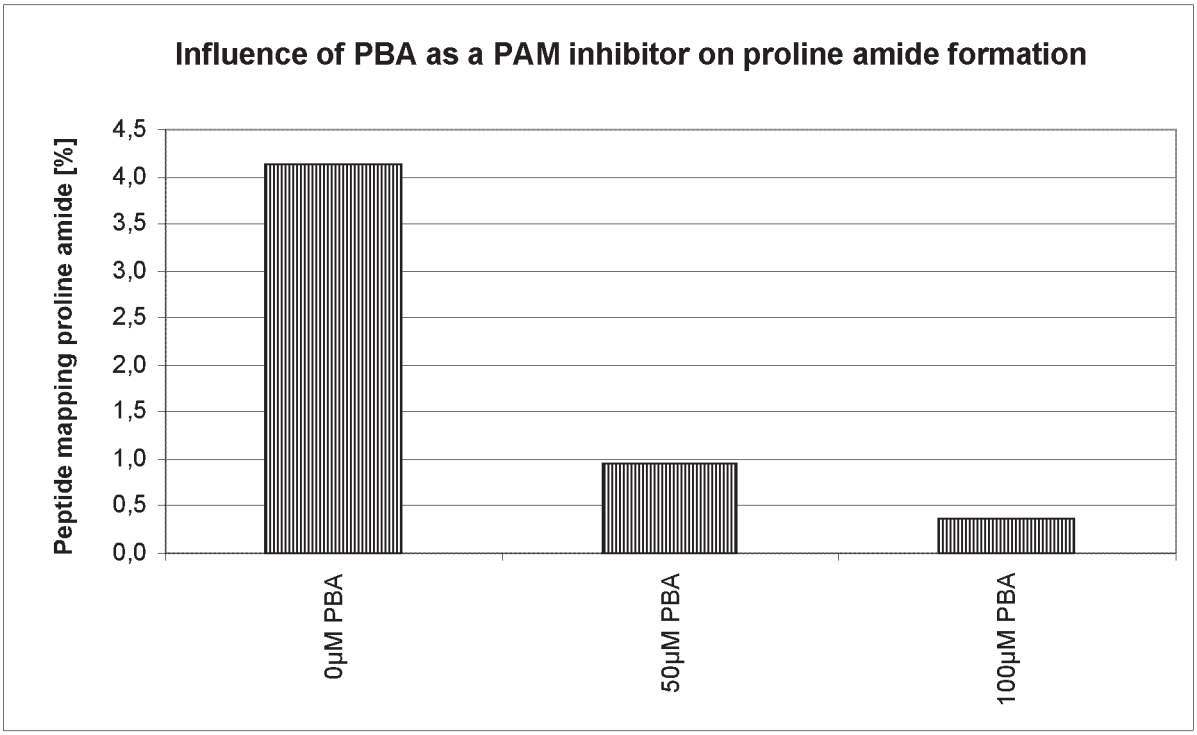

Influence of PBA as a PAM inhibitor on proline amide formation
Peptide mapping proline amide [%]
4,5
4,0
3,5
3,0
2,5
2,0
1,5
1,0
0,5
0,0
0µM PBA
50µM PBA
100µM PBA

Fig. 3