Self-Cleavable Chemiluminescent Probes Suitable for Protease Sensing

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Supporting Information

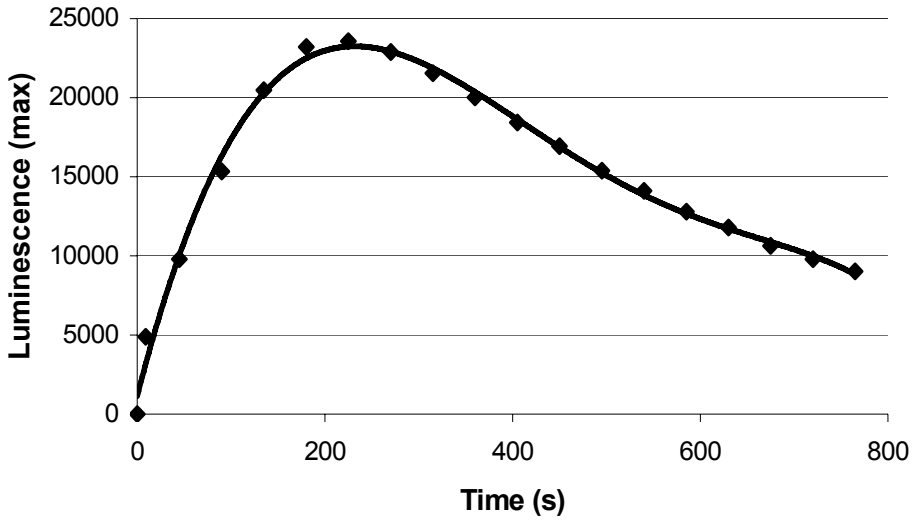

Fig. 6 Luminescence intensity (area under the emission curve in the range 490-570 nm) recorded every 45 s with probe **29** after incubation with recombinant PGA ($1.05\ 10^{-2}$ U, incubation time: 10 min).

Table 1 Influence of experimental conditions on aspartate epimerisation during the coupling between tetrapeptide **19** and PABA linker.

Entry	T (°C)	Conditions	Coupling reagent	**30a** : **30b** ratio[a]
1	20 °C	2 equiv. DIEA, DMF	EDC	55 : 45
2	20 °C	3 equiv. DIEA, DMF	BOP	66 : 34
3	20°C	1 equiv. HOBt, DMF	EDC	75 : 25
4	20 °C	DMF	EDC	75 : 25
5	0 °C to 20 °C	DMF	EEDQ	80 : 20
6	0 °C to 20 °C	DMF	EDC	90 : 10

[a]determined by RP-HPLC.