

**Table 4. Fluorogenic peptides for functional analysis of the glyoxysomal processing protease (GPP)**

Fluorogenic peptide	Sequence	M <sub>r</sub> (Da)
gCS	Abz-EAHCV→ <sup>1</sup> SAQTM-(NO <sub>2</sub> )Y-D	1518.6
gMDH	Abz-RANCR→ <sup>1</sup> AKGGA-(NO <sub>2</sub> )Y-D	1445.5
Thiolase	Abz-SASVC→ <sup>1</sup> AAGDS-(NO <sub>2</sub> )Y-D	1309.3
Control (thiolase-C/G)	Abz-SASVG→ <sup>1</sup> AAGDS-(NO <sub>2</sub> )Y-D	1263.2

Abz, anthranilic acid as fluorogene (donor: excitation 320 nm, emission 420 nm); (NO<sub>2</sub>)Y, *m*-nitro-tyrosine as quencher (acceptor).

→<sup>1</sup>, Predicted cleavage site for GPP.