

Calpain substrate

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| Cat. No.: | HY-P10050 |
| CAS No.: | 728005-83-2 |
| Molecular Formula: | C ₈₀ H ₁₁₄ N ₂₀ O ₁₈ S |
| Molecular Weight: | 1675.95 |
| Sequence: | {DABCYL}-Thr-Pro-Leu-Lys-Ser-Pro-Pro-Pro-Ser-Pro-Arg-{EDANS} |
| Sequence Shortening: | {DABCYL}-TPLKSPPPSPR-{EDANS} |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | Calpain substrate is the membrane non-permeable fluorogenic calpain substrate and can be used in Calpain enzymatic activity assay ^[1] . |
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REFERENCES

[1]. Wang Q, et al. The human blood parasite *Schistosoma mansoni* expresses extracellular tegumental calpains that cleave the blood clotting protein fibronectin. *Sci Rep.* 2017 Oct 10;7(1):12912.

[2]. Wang Q, et al. The human blood parasite *Schistosoma mansoni* expresses extracellular tegumental calpains that cleave the blood clotting protein fibronectin. *Sci Rep.* 2017;7(1):12912. Published 2017 Oct 10.

Caution: Product has not been fully validated for medical applications. For research use only.

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