

Glu(EDANS)-Pro-Leu-Phe-Ala-Glu-Arg-Lys(DABCYL)

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|----------------------|---|
| Cat. No.: | HY-P4780 |
| CAS No.: | 1914987-47-5 |
| Molecular Formula: | C ₇₂ H ₉₇ N ₁₇ O ₁₆ S |
| Molecular Weight: | 1488.71 |
| Sequence: | {Glu(EDANS)}-Pro-Leu-Phe-Ala-Glu-Arg-{Lys(DABCYL)} |
| Sequence Shortening: | {Glu(EDANS)}-PLFAER-{Lys(DABCYL)} |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Glu(EDANS)-Pro-Leu-Phe-Ala-Glu-Arg-Lys(DABCYL) is a calpain substrate. The excitation wavelength is 380 nm and the emission wavelength is 500 nm for Glu(Edans)-Pro-Leu-Phe-Ala-Glu-Arg-Lys(DabcyI)^[1].

REFERENCES

[1]. Jo H, et al. Development of α -helical calpain probes by mimicking a natural protein-protein interaction. J Am Chem Soc. 2012 Oct 24;134(42):17704-13.

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

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