

Ac-Glu-Asp(EDANS)-Lys-Pro-Ile-Leu-Phe-Phe-Arg-Leu-Gly-Lys(DABCYL)-Glu-NH₂

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| Cat. No.: | HY-P4787 |
| CAS No.: | 400716-78-1 |
| Molecular Formula: | C ₁₀₄ H ₁₄₆ N ₂₄ O ₂₃ S |
| Molecular Weight: | 2132.48 |
| Sequence: | Ac-Glu-{Asp(EDANS)}-Lys-Pro-Ile-Leu-Phe-Phe-Arg-Leu-Gly-{Lys(DABCYL)}-Glu-NH ₂ |
| Sequence Shortening: | Ac-E-{Asp(EDANS)}-KPILFFRLG-{Lys(DABCYL)}-E-NH ₂ |
| Target: | Cathepsin |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | Ac-Glu-Asp(EDANS)-Lys-Pro-Ile-Leu-Phe-Phe-Arg-Leu-Gly-Lys(DABCYL)-Glu-NH ₂ is a cathepsin D substrate, that can be used for cathepsin D FRET assay ^[1] . |
| IC ₅₀ & Target | Cathepsin D |

REFERENCES

[1]. Eketjäll S, et al. AZD3293: A Novel, Orally Active BACE1 Inhibitor with High Potency and Permeability and Markedly Slow Off-Rate Kinetics. J Alzheimers Dis. 2016;50(4):1109-23.

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

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