

## Dabsyl-Leu-Gly-Gly-Gly-Ala-Edans

Cat. No.:	HY-P5296
CAS No.:	949898-96-8
Molecular Formula:	C <sub>41</sub> H <sub>52</sub> N <sub>10</sub> O <sub>10</sub> S <sub>2</sub>
Molecular Weight:	909.04
Sequence:	{Dabsyl}-Leu-Gly-Gly-Gly-Ala-{Edans}
Sequence Shortening:	{Dabsyl}-LGGGA-{Edans}
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Dabsyl-Leu-Gly-Gly-Gly-Ala-Edans is a fluorophore Dabsyl-labeled peptide. Dabsyl-Leu-Gly-Gly-Gly-Ala-Edans can be used to test the peptidase activity of the LasA protease of *Pseudomonas aeruginosa*. Dabsyl-Leu-Gly-Gly-Gly-Ala-Edans has enzyme specificity and has application value<sup>[1]</sup>.

### REFERENCES

[1]. Elston C, et al. New continuous and specific fluorometric assays for *Pseudomonas aeruginosa* elastase and LasA protease. *Anal Biochem.* 2007 Sep 1;368(1):87-94.

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

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