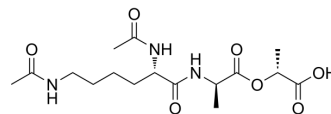


## Ac-Lys(Ac)-D-Ala-D-Lactic acid

Cat. No.:	HY-P4519
CAS No.:	65882-12-4
Molecular Formula:	C <sub>16</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight:	373.4
Sequence:	Ac-{Lys(Ac)}-{d-Ala}-{d-Lactic acid}
Sequence Shortening:	Ac-{Lys(Ac)}-{d-Ala}-{d-Lactic acid}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Ac-Lys(Ac)-D-Ala-D-Lactic acid is a depsipeptide substrate for penicillin-sensitive D-alanine carboxypeptidases (DD-carboxypeptidases) <sup>[1]</sup> .
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### REFERENCES

[1]. Rasmussen JR, et al. Utilization of a depsipeptide substrate for trapping acyl-enzyme intermediates of penicillin-sensitive D-alanine carboxypeptidases. Proc Natl Acad Sci U S A. 1978 Jan;75(1):84-8.

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

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