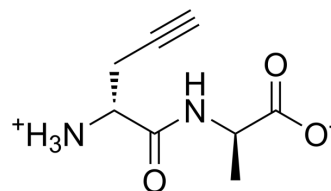


EDA-DA

Cat. No.:	HY-147097
CAS No.:	87156-00-1
Molecular Formula:	C ₈ H ₁₂ N ₂ O ₃
Molecular Weight:	184.19
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EDA-DA, a N-terminally tagged dipeptide probe, can be used to label Peptidoglycan (PG) of bacteria. Peptidoglycan (PG), an essential structure in the cell walls of the vast majority of bacteria, is critical for division and maintaining cell shape and hydrostatic pressure^[1]. EDA-DA is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. G W Liechti, et al. A new metabolic cell-wall labelling method reveals peptidoglycan in Chlamydia trachomatis. Nature. 2014 Feb 27;506(7489):507-10.

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

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