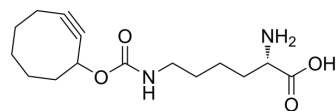


SCO-L-Lysine

Cat. No.:	HY-157070
CAS No.:	1309581-49-4
Molecular Formula:	C ₁₅ H ₂₄ N ₂ O ₄
Molecular Weight:	296.36
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SCO-L-Lysine contains a SCO group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing Tetrazine groups. SCO-L-Lysine can be incorporated into the protein of interest by the tRNAPyl/PyIRSAF synthetase^[1].

REFERENCES

[1]. Anandi Kugele, et al. In situ EPR spectroscopy of a bacterial membrane transporter using an expanded genetic code. Chem Commun (Camb). 2021 Dec 3;57(96):12980-12983.

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

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