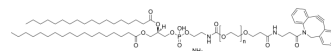


## DSPE-PEG-DBCO ammonium

Cat. No.:	HY-155788
CAS No.:	2052955-83-4
Molecular Formula:	$(C_2H_4O)_n C_{63}H_{100}N_3O_{12}P \cdot H_3N$
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DSPE-PEG-DBCO ammonium is the ammonium salt form of DSPE-PEG-DBCO. DSPE-PEG-DBCO ammonium is utilized in copper-free click chemistry through SPAAC conjugation with an azido-functionalized peptide ligand. DSPE-PEG-DBCO ammonium is applied in drug-delivery and nanoparticle research<sup>[1]</sup>.

### REFERENCES

[1]. Borden MA, et al., Aseptic process for azido-functionalized ligand conjugation to size-isolated microbubbles via strain-promoted azide-alkyne cycloaddition. WO2019195463.

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

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