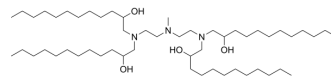


## C12-113

Cat. No.:	HY-160554
CAS No.:	1220890-27-6
Molecular Formula:	C <sub>53</sub> H <sub>111</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	854.47
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

C12-113 is a lipidoid delivery agent that can be used to transfect siRNA into cells. C12-113 can also be combined with other lipids to form lipid nanoparticles (LNPs) for the delivery of mRNA encoding the spike glycoprotein of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in mice<sup>[1][2]</sup>.

### REFERENCES

[1]. Li J, Song J S, et al. YY1 regulates melanocyte development and function by cooperating with MITF[J]. PLoS genetics, 2012, 8(5): e1002688.

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

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