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A FUNCTIONALIZED GLYCOLIPID AND AN APPLICATION THEREOF



▶ MORE INFORMATION

MEGA-TREND

- Chemicals and Materials
- Environment and Water

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4 (Lab Prototype - Lab Testing)

PATENT/ GRANTED NUMBER

- PI 2019001907

▶ TECHNOLOGY OVERVIEW

The present invention discloses a functionalized glycolipid having a formula (I) where Y is selected from a group consisting of O, NH and NAc; wherein A is selected from a group of bi-antennary hydrophobic domain having a formula (II) and mono-antennary hydrophobic domain having a formula (III) wherein B having a formula (IV). Further, the present invention discloses an application of the functionalized glycolipid having the formula (I) thereof. The functionalized glycolipid is usable with a drug delivery carrier for binding biological recognition domain for the cells specific recognition of the carrier via click chemistry.

CONTACT US!

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