

TfR-T12 Biochemical

TfR-T12

CATALOG #
AAA228653

PRODUCT SYNONYMS

TfR-T12; TfR-T12 biochemical

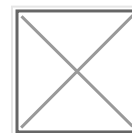
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	344618-30-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	TfR-T12 binds to the TfR and is subsequently internalized into TfR-expressing cells[1]. TfR-T12 is a synthetic peptide obtained by phage display, and is able to bind a different site on TfRs compared with transferrin. TfR-T12 can be chemically conjugated with a pegylated lipid derivative, 3-(N-succinimidylxyglutaryl)aminopropyl-polyethyleneglycol(2000)- carbamyl distearoyl phosphatidylethanolamine (NHS-PEG2000-DSPE), and used as a functional material to construct the multifunctional lipid vesicles[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Thiol-C9-PEG4-acid, CAS 716339-41-2



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ADDITIONAL INFORMATION

Related Product Information for TfR-T12 biochemical	TfR-T12 is a BBB-penetrated transferrin receptor (TfR) binding peptide, displaying a binding affinity in the nM range.
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/biochemical/tfr-t12/228653>