

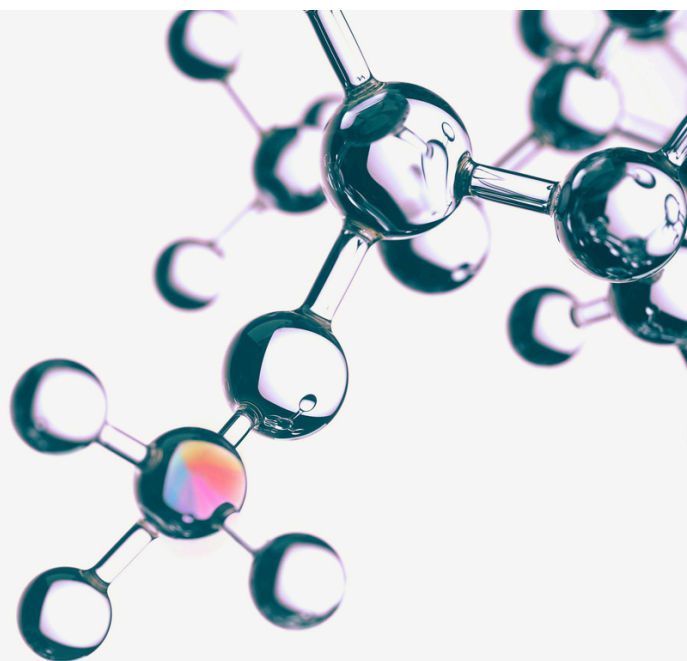
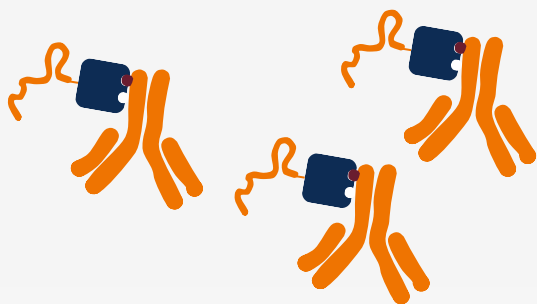
StreptaClick® Precision

Conjugate exactly one molecule of your choice to aggregation-free streptavidin by click chemistry

Easy attachment of oligos, LNPs and more to streptavidin

Simple and precise attachment of biomolecules to streptavidin at a 1:1 ratio via click chemistry.

Unique cis divalent streptavidin for monovalent binding to biotinylated proteins. No aggregation when mixed in solution.



StreptaClick®

www.kromnigon.com

Precise 1:1 conjugation
Site-specific conjugation with click chemistry

High biotin binding affinity
K_D of 10⁻¹⁴ M

No aggregation
Cis divalent streptavidin for monovalent binding

Perfect for large molecules
Oligos, nanoparticles and more

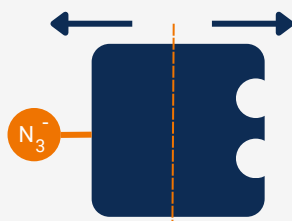
StreptaClick® Precision

Perfect for conjugating reporter molecules and cargos to streptavidin, such as oligonucleotides, fluorochromes and lipid nanoparticles

Unique Cis-Divalent Design

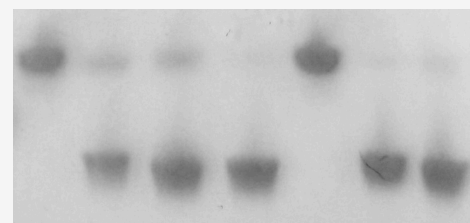
Designed to allow conjugation of bulky molecules without compromising biotin binding

- Two biotin binding pockets (still monovalent binding)
- Maximum separation of the single conjugation site and the biotin-binding region



Click Chemistry Conjugation

Native PAGE gel



Unconjugated



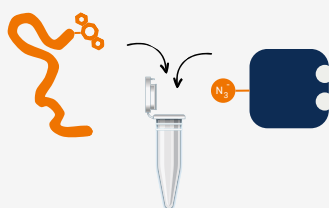
Conjugated



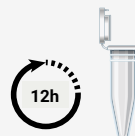
Typically 90-100% conjugation efficiency with oligos

StreptaClick® Precision Workflow

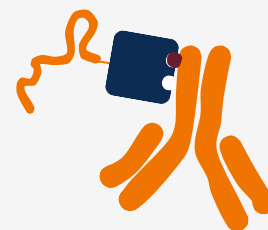
DNA oligo with DBCO StreptaClick® Precision - 1 Azide



Mix reporter and suitable StreptaClick® Precision



Incubate and clean up sample



Mix with biotinylated molecule and apply to your assay

StreptaClick® Precision kits

StreptaClick® Precision - 1 DBCO (0.1 mg, 0.5 mg, 2 mg)

StreptaClick® Precision - 1 Azide (0.1 mg, 0.5 mg, 2 mg)

StreptaClick® Precision - 1 Oligo (0.1 mg, 0.5 mg, 2 mg)

StreptaClick® Precision - 1 Fluorochrome (488 or 647, 0.1 mg)

Contact us for custom molecules, bulk orders and OEM opportunities