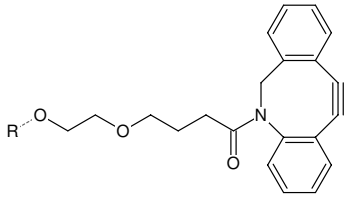
DATA SHEET

Jena Bioscience

DBCO Agarose

Cat. No.	Amount
CLK-1034-2	2 ml



Structural formula of DBCO Agarose

For research use only!

Shipping: shipped at ambient temperature

Storage Conditions: store at 4 °C

Additional Storage Conditions: do not freeze

Shelf Life: 12 months after date of delivery

Form: 50 % slightly yellow to yellow aqueous suspension containing 30 % EtOH

Applications:
DBCO Agarose is an efficient matrix to covalently capture CLICK-functionalized proteins by Cu(I)-free click chemistry reaction. The proteins of interest need to be metabolically, enzymatically or chemically azide-tagged.
Subsequently, the DBCO resin containing the covalently attached proteins can be washed with high stringency, virtually eliminating any non-specifically bound proteins.

Degree of substitution: 10-20 µmol DBCO-groups/ml resin
Matrix: 6 % cross-linked agarose
Bead size: 50-150 µm, spherical