

## DiagPoly™ DBCO Polystyrene Particles, 20 µm

Cat.No: DNM-M007

### DESCRIPTION

<b>Description</b>	DiagPoly™ DBCO Polystyrene Particles, 20 µm (# DNM-M007) are monodisperse polystyrene particles with a DBCO (dibenzocyclooctyne) surface. These particles are well-suited for the copper-free or strain promoted alkyne-azide cycloaddition (SPAAC) under physiological conditions. They are stable in aqueous buffers methanol, ethanol, DMSO, and not stable in halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl.
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### APPLICATION

<b>Application Notes</b>	Azido-modified biomolecules can be efficiently bound and separated under mild centrifugation parameters.
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### PRODUCT INFORMATION

<b>Diameter</b>	20 µm
<b>Functional Group</b>	DBCO
<b>Concentration</b>	25 mg/mL
<b>Number of Particles</b>	5.8E+6 particles/mL
<b>Standard Deviation</b>	< 5 % (C.V.)
<b>Density</b>	1.03 g/ccm

### STORAGE AND SHIPPING

<b>Storage Buffer</b>	Suspension in water.
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<b>Stability</b>	Stable in aqueous buffers, methanol, ethanol, DMSO. Not stable in halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl.
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<b>Storage</b>	2-8°C and do not freeze!
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