

DiagPoly™ DBCO Polystyrene Particles, 10 µm

Cat.No: DNM-M006

DESCRIPTION

Description	DiagPoly™ DBCO Polystyrene Particles, 10 µm (# DNM-M006) 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

Application Notes	Azido-modified biomolecules can be efficiently bound and separated under mild centrifugation parameters.
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PRODUCT INFORMATION

Diameter	10 µm
Functional Group	DBCO
Concentration	25 mg/mL
Number of Particles	4.7E+7 particles/mL
Standard Deviation	< 10 % (C.V.)
Density	1.03 g/ccm

STORAGE AND SHIPPING

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