

DiagPoly™ DBCO Polystyrene Particles, 5 µm

Cat.No: DNM-M012

DESCRIPTION

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DiagPoly™ DBCO Polystyrene Particles, 5 µm (# DNM-M012) 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.

PRODUCT INFORMATION

Diameter	5 µm
Functional Group	DBCO
Concentration	25 mg/mL
Number of Particles	3.7E+8 particles/mL
Standard Deviation	<10% CV

STORAGE AND SHIPPING

Storage Buffer	Suspension in water
Storage	2-8°C and do not freeze!