

DiagAg™ Picolyl Azide Agarose Particles, 6% Crosslinked, 50-150 µm

Cat.No: DAG-CC23-01

DESCRIPTION

Description DiagAg™ Picolyl Azide Agarose Particles, 6% Crosslinked, 50-150 µm are activated with picolyl azide functional groups to covalently capture alkyne-tagged biomolecules. Picolyl Azide incorporates a copper-chelating motif to raise the effective concentration of Cu(I) at the reaction site to boosted the efficiency of the CuAAC reaction resulting in a faster and more biocompatible CuAAC labeling. Up to 40-fold increase of signal intensity, compared to conventional azides is reported. This product is adequate to work in batch or column purification under low pressure.

APPLICATION

Application Notes Batch or column purifications

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Picolyl Azide
Concentration	50% v/v
Targets	Alkyne-tagged proteins
Matrix	6% agarose
Surface Group Density	≥8 µmol azide groups/mL resin
Appearance	Off-white slurry

STORAGE AND SHIPPING

Storage Buffer	20% ethanol in water.
Storage	Store at 2-8°C. Do not freeze.
Shipping Condition	At ambient temperature.