

Hexadimethrine bromide (Polybrene, 8 mg/mL)

Catalogue #: MC032

Storage: 4–8°C

Size: 1 mL

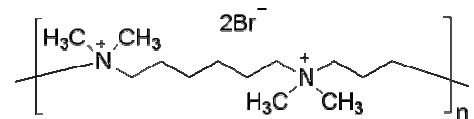
Description:

Polybrene, Hexadimethrine bromide

Synonym: 1,5-Dimethyl-1,5-diazaundecamethylene polymethobromide

CAS Number: 28728-55-4

Formula: C₁₃H₃₀Br₂N₂



Application:

Polybrene with DMSO is used to mediate DNA transfer into a variety of cell types; It can be used to increase the efficiency of lipofection transfection and viral infection. This reagent is provided, sterile at 8 mg/mL in H₂O.

References:

Aubin RA, et al., Highly effective delivery of foreign DNA to adherent cells via polybrene/DMSO-assisted gene transfer. *Methods Mol. Biol.* 62, 319-342, (1997)

Kawai S, et al., New procedure for DNA transfection with polycation and dimethyl sulfoxide. *Mol. Cell. Biol.* 4, 1172-1174, (1984)

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