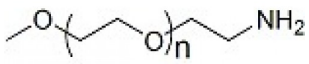
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

DATASHEET

mPEG-NH2

Catalogue No.:abx085016



Polyethylene glycol (PEG) compounds contain a polyether unit, commonly expressed as R_1-(O-CH_2-CH_2)$_n$-O-R_2. They are generally biocompatible, non-toxic and stable in both organic and aqueous solutions, and so are extensively used in biological applications, as well as nanotechnology and materials research. Proteins with PEG chain modifications and compounds encapsulated in PEG liposomes exhibit a longer half-life *in vivo* than their non-PEGylated counterparts, a phenomenon known as PEG shielding. Functionalised PEG lipids and phospholipids can be used for protein-PEG conjugation.

mPEG-Amine is a linear methoxy PEG reagent with a reactive primary amine or NH2 group that can rapidly react with activated carboxyl acid such as NHS ester to form stable amide bonds.

Target:	mPEG-NH2
Conjugation:	Unconjugated
Note:	This product is for research use only.