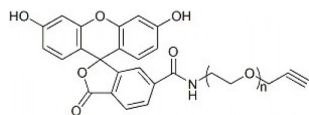


Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

## FITC-PEG-Alkyne

Catalogue No.: abx085301



Chemical structure of FITC-PEG-Alkyne.

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.

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Target:</b>      | FITC-PEG-Alkyne                        |
| <b>Conjugation:</b> | Unconjugated                           |
| <b>Note:</b>        | This product is for research use only. |