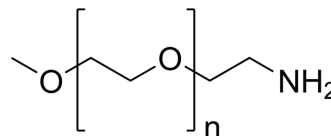


## mPEG-amine (MW 550)

Cat. No.:	HY-155881
CAS No.:	80506-64-5
Molecular Formula:	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>3</sub> H <sub>9</sub> NO
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

mPEG-amine (MW 550) can synthesize folate-conjugated polymer micelles for encapsulation of anticancer agent 9-nitrocamptothecin (HY-16560). folate-conjugated polymer micelles are effective carriers of insoluble anticancer drugs, which can avoid macrophages and play a role in endocytosis of tumor cells mediated by folate receptors (FR).

### REFERENCES

[1]. Han X, et al. 9-NC-loaded folate-conjugated polymer micelles as tumor targeted drug delivery system: preparation and evaluation in vitro. Int J Pharm. 2009 May 8;372(1-2):125-31.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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