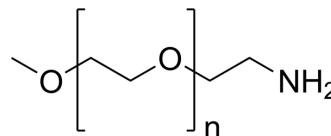


mPEG-amine (MW 4000)

Cat. No.:	HY-155884
CAS No.:	80506-64-5
Molecular Formula:	C ₅ H ₁₃ NO ₂
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

mPEG-amine (MW 4000) can be used to synthesize folate-conjugated polymer micelles for encapsulating 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA