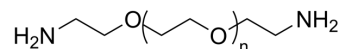


PEG-bis-amine (MW 8000)

Cat. No.:	HY-W115607
CAS No.:	24991-53-5
Molecular Formula:	$(C_2H_4O)_n C_4H_{12}N_2O$
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

PEG-bis-amine (MW 8000) synthesizes folate-conjugated polymeric micelles for encapsulation of the anticancer agent 9-nitrocamptothecin HY-16560 (HY-16560). Folic acid-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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