mPEG-CHO (MW 350)

Cat. No.: CAS No.: Molecular Formula: Target: Pathway: Storage:	HY-155915 70086-22-5 $(C_2H_4O)_nC_3H_6O_2$ Biochemical Assay Reagents Others Please store the product under the recommended conditions in the Certificate of	_0(
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY		
Description	mPEG-CHO (MW 350) participates in the formation of a three-dimensional porous scaffold which carries active substances to form a delivery vehicle. The -CHO functional group interacts with the -NH2 functional group of the chitosan chain to form a glutaraldehyde-type adduct to functionalize mPEG. This functionalization and cross-linking can affect the rigidity of the delivery system, allowing slow release of the cross-linked conjugate system.	

REFERENCES

[1]. Kumar P, et al. Macroporous chitosan/methoxypoly(ethylene glycol) based cryosponges with unique morphology for tissue engineering applications. Sci Rep. 2021 Feb 4;11(1):3104.

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

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Product Data Sheet

