

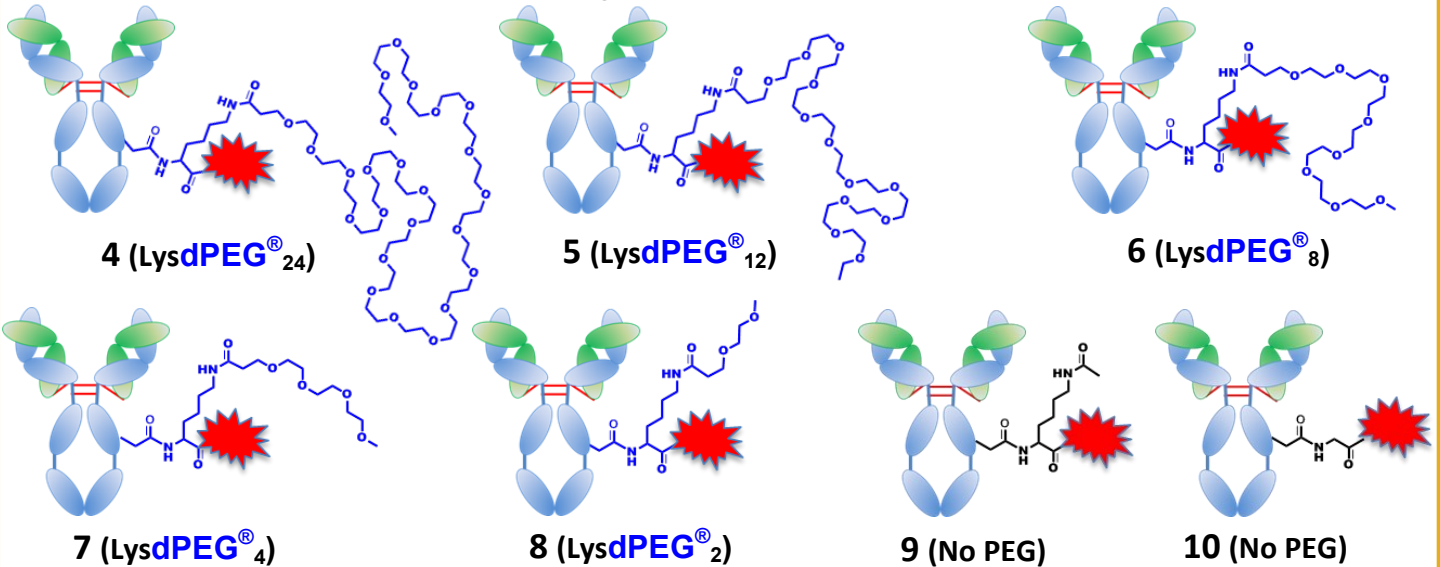


ADCs WITH dPEG® LINKERS:

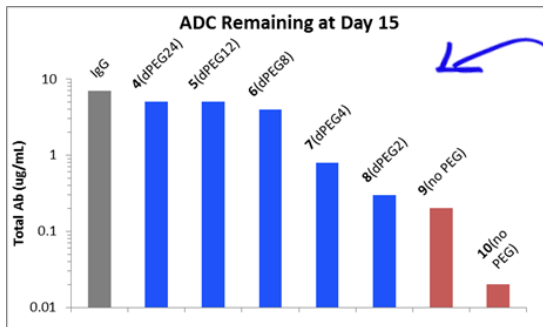
Optimizing Clearance & Efficacy

Biocompatible **dPEG® linkers** provide a SuperHydrophilic™ structural component that can be rationally modified to optimize conjugate properties. This enables true structure-activity-relationship studies without the physicochemical limitations of traditional linkers. For instance, the clearance, tolerability, and efficacy of DAR 8 glucuronide-MMAE conjugates could be optimized by varying the dPEG® component (Burke, P.J., et al. (2017). *Mol Cancer Ther*, 16(1), 116-123).

DAR 8 ADCs with Glu-MMAE payloads and dPEG® linkers

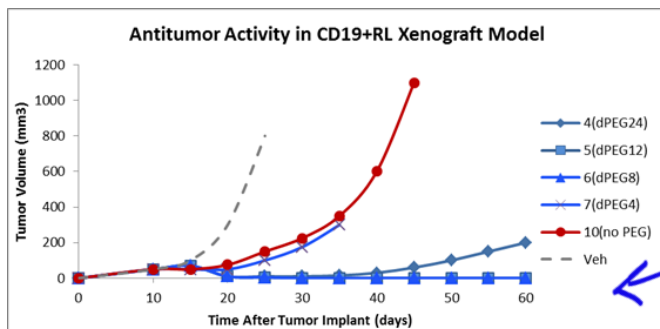
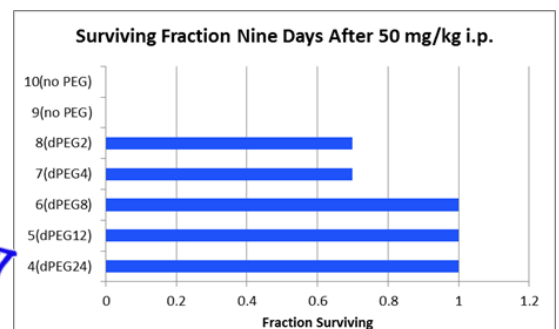


Clearance, efficacy, and tolerability can be influenced by the **dPEG®** modifier



Plasma PK in rats showing clearance is modified by dPEG® size

All mice survived with longer dPEG® modifiers



Antitumor activity in a xenograft model showing completely curative properties of 5



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