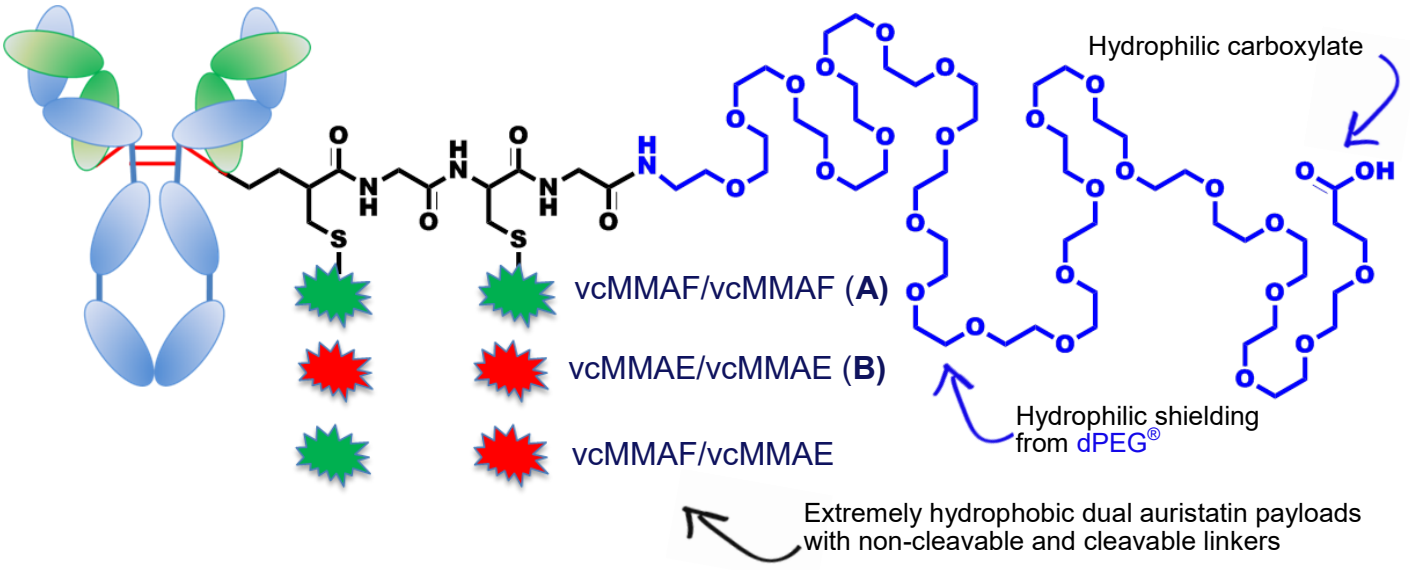
ADCs WITH dPEG® LINKERS:

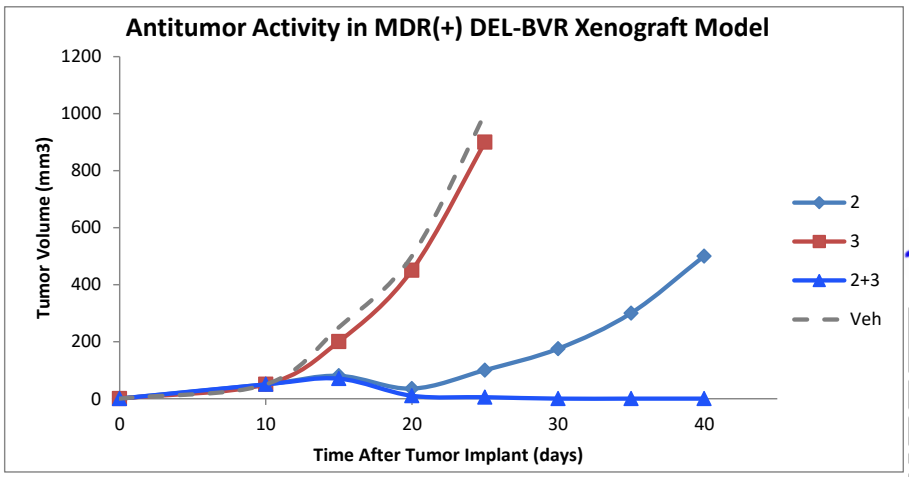
Increasing Payload Capacity

Biocompatible **dPEG® linkers** provide a SuperHydrophilic™ structural component that can control conjugate properties. The hydrophilic shielding and multimeric architectures enable the construction of high-DAR ADCs without the physico-chemical limitations of traditional linkers. For example, conjugates have been prepared that incorporate a total of 16 hydrophobic auristatin payloads (Levengood, M.R., *et al.* (**2017**). *Angew Chem Int Ed*, 56, 733-737).

dPEG® linkers can shield the payload hydrophobicity of high-load multi-drug (DAR 8+8) ADCs



Multi-drug ADCs with both MMAE (cell-permeable and substrate for MDR exporter) and MMAF (not cell-permeable and poor substrate for MDR exporter) show complete tumor regression



Antitumor activity in a xenograft model with MDR (+) DEL-BVR cells showing completely curative properties of dual payload ADC that possesses good bystander activity

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