

PFLDHB-PEG6k-OH	Water	Heptane	DMF	THF	Chloroform	Ethyl Acetate	Methanol	Ethanol	Acetonitrile	DMSO
G2	Very Soluble	Not Soluble	Very Soluble	Soluble	Very Soluble	Not Soluble	Very Soluble	Soluble	Very Soluble	Very Soluble
G3	Very Soluble	Not Soluble	Very Soluble	Soluble	Soluble	Not Soluble	Very Soluble	Soluble	Soluble	Very Soluble
G4	Soluble	Not Soluble	Very Soluble	Soluble	Barely Soluble	Not Soluble	Soluble	Soluble	Soluble	Very Soluble
G5	Barely Soluble	Not Soluble	Very Soluble	Very Soluble	Not Soluble	Not Soluble	Soluble	Barely Soluble	Barely Soluble	Very Soluble
G6	Barely Soluble	Not Soluble	Very Soluble	Very Soluble	Not Soluble	Not Soluble	Barely Soluble	Barely Soluble	Not Soluble	Very Soluble

PFLDHB-PEG10k-OH	Water	Heptane	DMF	THF	Chloroform	Ethyl Acetate	Methanol	Ethanol	Acetonitrile	DMSO
G2	Very Soluble	Not Soluble	Soluble	Barely Soluble	Very Soluble	Not Soluble	Very Soluble	Very Soluble	Very Soluble	Soluble
G3	Very Soluble	Not Soluble	Very Soluble	Barely Soluble	Very Soluble	Not Soluble	Very Soluble	Very Soluble	Very Soluble	Very Soluble
G4	Soluble	Not Soluble	Very Soluble	Barely Soluble	Soluble	Not Soluble	Very Soluble	Very Soluble	Soluble	Very Soluble
G5	Soluble	Not Soluble	Very Soluble	Soluble	Soluble	Not Soluble	Very Soluble	Very Soluble	Very Soluble	Very Soluble
G6	Soluble	Not Soluble	Very Soluble	Very Soluble	Barely Soluble	Not Soluble	Very Soluble	Very Soluble	Soluble	Very Soluble

PFLDHB-PEG20k-OH	Water	Heptane	DMF	THF	Chloroform	Ethyl Acetate	Methanol	Ethanol	Acetonitrile	DMSO
G2	Very Soluble	Not Soluble	Barely Soluble	Barely Soluble	Very Soluble	Not Soluble	Barely Soluble	Barely Soluble	Soluble	Barely Soluble
G3	Very Soluble	Not Soluble	Barely Soluble	Barely Soluble	Very Soluble	Not Soluble	Very Soluble	Soluble	Very Soluble	Barely Soluble
G4	Very Soluble	Not Soluble	Barely Soluble	Barely Soluble	Very Soluble	Not Soluble	Very Soluble	Soluble	Very Soluble	Barely Soluble
G5	Very Soluble	Not Soluble	Soluble	Barely Soluble	Very Soluble	Not Soluble	Very Soluble	Very Soluble	Very Soluble	Soluble
G6	Very Soluble	Not Soluble	Very Soluble	Very Soluble	Soluble	Not Soluble	Very Soluble	Very Soluble	Soluble	Very Soluble

Legend

