

Materials List for:

Encapsulation of Cancer Therapeutic Agent Dacarbazine Using Nanostructured Lipid Carrier

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Materials

Name	Company	Catalog Number	Comments
Dacarbazine (DAC)	Sigma Aldrich (Gillingham Dorset, UK)	D2390-100MG	drug used for uploading
glyceryl palmitostearate	Gattefossé (Saint_Priest_cédex, France)	85251-77-0	solid lipid
d- α - Tocopherol polyethylene glycol succinate (TPGS)	Sigma Aldrich (Gillingham Dorset, UK)	57668	lipid phase surfactant
Poloxamer 188	Sigma Aldrich (Gillingham Dorset, UK)	15759-1KG	liquid phase surfactant
Acetone	Sigma Aldrich (Gillingham Dorset, UK)	650501-1L	organic solvent
Ethanol	Sigma Aldrich (Gillingham Dorset, UK)	459836-1L	organic solvent
Soybean lecithin (SL)	Cuisine Innovation (Dijon, France)	SLL1402	lipid phase surfactant
Double-distilled water was collected in our laboratory from	Millipore-Q Gradient A10 ultra-pure water system (Millipore, France)	SAS - 67120	aqueous phase
T 25 digital ULTRA-TURRAX	IKA	3725000	as high shear disperser
Hotplate Magnetic Stirrer	Scientific Support, Inc	1454	emulsion homogenization