

Materials List for:

Synthesis of Indoxyl-glycosides for Detection of Glycosidase Activities

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Materials

Name	Company	Catalog Number	Comments
Acetic anhydride	Grüssing	10298	Corrosive, flammable
Acetonitrile	Sigma-Aldrich	608-001-00-3	Harmful, flammable
Allyl alcohol	Aldrich	453021	Harmful, dangerous for the environment
Amberlite IR-120 H ⁺	Fluka	06428	Irritant
Bromoacetic acid	Merck	802260	Corrosive, toxic, dangerous for the environment
4-Bromo-3-chloro-2-methylaniline	ABCR	AB 171687	Irritant
Dichloromethane	ACROS	326850010	Harmful
Diethyl ether	Grüssing	10274	Harmful, extremely flammable
Dimethylformamide	ACROS	348430010	Harmful, flammable
Dimethylsulfoxide	Sigma-Aldrich	41648	
Ethyl acetate	Sigma-Aldrich	607-022-00-5	Irritant, flammable
Ethylenediaminetetraacetic acid	AppliChem	A1103.0500	Irritant
β1,3-Galactosidase, recombinant, <i>E. coli</i>	Calbiochem	345795	
Hydrochloric acid	VWR	20252.290	Corrosive
Magnesium sulfate hydrate	Merck	105885	
Methanol	ACROS	326950010	Toxic, flammable
Morpholine	Janssen Chimica	15.868.57	Corrosive, flammable
Peroleum ether	Azelis	111053	Flammable, irritant, dangerous for the environment
Potassium carbonate	Grüssing	12005	Corrosive
Potassium permanganate	Grüssing	12056	Harmful, oxidising
Potassium tert-butoxide	Merck	804918	Corrosive, flammable
Pyridine	Sigma-Aldrich	613-002-00-7	Harmful, flammable
Silver acetate	Fluka	85140	Irritant, dangerous for the environment
Sodium bicarbonate	Grüssing	12144	Corrosive
Sodium hydride	Merck	814552	Corrosive, flammable
Sodium hydroxide	Riedel-de Häen	S181200	Corrosive
Sodium methanolate	Merck	806538	Corrosive, flammable
Sodium sulfate	Grüssing	12175	
Tetrabutylammonium hydrogensulfate	Lancaster	5438	Harmful
Tetrahydrofurane	Sigma-Aldrich	87371	Harmful, flammable

Tetrakis (triphenylphosphine)palladium(0)	Sigma-Aldrich	216666	
Triphosgene	Fluka	15217	Toxic
Tris (hydroxymethyl)aminomethane hydrochloride	Sigma	T-3253	Irritant