

Materials List for:

Optimized Griess Reaction for UV-Vis and Naked-Eye Determination of Anti-Malarial Primaquine

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Materials

Name	Company	Catalog Number	Comments
4-Methoxyaniline	Aladdin	K1709027	
2,4-Dimethoxyaniline	Heowns	10154207	
3,4-Dimethoxyaniline	Bidepharm	BD21914	
4-Methylaniline	Adamas-beta	P1414526	
4-Nitroaniline	Macklin	C10191447	
96-wells, Flat Bottom	Labserv	310109008	
Gaussian@16 software	Gaussian, Inc		Version: x86-64 SSE4_2-enabled/ Linux
Hydrochloric acid	GCRF	20180902	
Marvin sketch (software)	CHEMAXON		free edition: 15.6.29
Phosphoric acid	Macklin	C10112815	
Primaquine bisphosphate	3A Chemicals	CEBK200054	
Sodium nitrite	Alfa Aesar	5006K18R	
Sulfonamides	TCl(shanghai)	GCPLO-BP	
Varioskan LUX Plate reader	Thermo Fisher		Supplied with SkanIt Software 4.1