

Materials List for

## Continuous Fluorescence-Based Endonuclease-Coupled DNA Methylation Assay to Screen for DNA Methyltransferase Inhibitors

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Corresponding Author	Citation	Citation	
Rebecca Switzer	Switzer, R., Ward, K.A., Medrano, J. Continuous Fluorescence-Based Endonuclease-		
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## **Materials**

Name	Company	Catalog Number	Comments
96-well Half Area Black Flat Bottom Polystyrene Not Treated Microplate	Corning	3694	
96-Well Polystyrene Conical Bottom Plates	ThermoFisher	249570	
Bovine Serum Albumin	NEB	B9000S	
compound 1	ChemBridge	5812086	screening compound; resuspended in DMSO to 10 mM
compound 2	ChemBridge	6722175	screening compound; resuspended in DMSO to 10 mM
compound 3	ChemBridge	5249376	screening compound; resuspended in DMSO to 10 mM
Dithiothreitol	Sigma	D0632	
Gla I	SibEnzyme	E494	methyl-sensitive endonuclease
Glycerol	RPI	G22025	
Magnesium Chloride	Sigma	M0250	
Oligonucleotide (5'-FAM- CCTATGCGmCATCAGTTTTCTGATG lowa Black Quencher)	IDT mCGmCATAGG-3'-	custom synthesized	internally quenched hairpin DNA (substrate)
Potassium Glutamate	Sigma	G1501	
S-adenosylmethionine	Sigma	A4377	methyl-donating co-factor (substrate)
Tris Base	RPI	T60040	

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