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Key Substances in Patent CAS RN 934660-93-2 H H H H H H H H	Bcl-2 inhibitor are co-formulated.         10. The method of claim 10 wherein the MEK inhibitor and the selective Bcl-2 inhibitor are co-formulated in a pharmaceutical composition further comprising a pharmaceutically acceptable excipient.         11. The method of any of claims 1 through 7 wherein the MEK inhibitor is administered sequentially with the selective Bcl-2 inhibitor.         12. The method of claim 11 wherein the MEK inhibitor and the selective Bcl-2 inhibitor are formulated in separate orally available dosage forms.         13. The method of any of claims 1 through 12 wherein the MEK inhibitor inhibits MEK1, MEK2, or both MEK1 and MEK2.									
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### Less search. More research.



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<ul> <li>Reaction Type</li> </ul>		Reagents	Sodiu Sodiu	Products	1-Deoxy-4-O-α-D-glucopyranosyl-1-[(2-mercaptoe	thyl)amino]-D-glucitol		
<ul> <li>Stereochemistry</li> <li>Absolute Stereo Match (1,147)</li> </ul>		Catalysts	ž	Reactants	Cysteamine hydrochloride Melibiose			
/lethodsNow pro	ovid	es step	)-	Reagents	Sodium hydroxide Sodium cyanoborohydride			

#### by-step synthetic procedures

- Save time with procedures summarized
- Take step-by-step instructions directly to the lab

MethodsNow™	Experimental Procedure
Products	1-Deoxy-4-O-q-D-glucopyranosyl-1-[(2-mercaptoethyl)amino]-D-glucitol , Yield: 88%
Reactants	Cysteamine hydrochloride Melibiose
Reagents	Sodium hydroxide
Solvents	Water
Procedure	<ol> <li>Dissolve 2-aminoethanethiol hydrochloride (125 mg) in water (100 μL) in a screw-capped vial (airtight).</li> <li>Adjust the pH to ~ 7.5 (by adding aqueous NaOH solution).</li> <li>Add NaCNBH<sub>3</sub> (40 mg, 0.64 mmol) and a solution of sugar (0.04 mmol) in water (100 μL) to the mixture.</li> <li>Heat the reaction mixture at 90 °C with stirring.</li> <li>Cool the reaction mixture to room temperature after 1 hour.</li> <li>Concentrate the solution in speedvac.</li> <li>Textra the obscient solution is absolute ethanol (three times) to remove excess starting material.</li> </ol>

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