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*Molecules* 1998, 3, M76.

### Benzyl-3-deoxy-3(phenethylamino)-β-L-Xylopyranoside

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O=C1OC(O)C(O)C1 (1) + NCCc1ccccc1 → O=C1OC(O)C(O)C1 (2)

reflux, 15 minutes

A mixture of benzyl 2,3-anhydro-β-L-ribofuranoside (1) [1] (0.88 g, 4 mmol) and phenethylamine (5 mL) was gently refluxed. After 15 minutes the mixture was cooled, and

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Expereact™ Web allows the creation of a local database with information about synthesized chemical compounds with all the analytical data and the texts of your articles. Then, with just a one-button procedure, you will be able to send your complete article, together with the information about the chemical compound over the Internet directly to the MolBank editor.

As soon as the paper reaches the editor it will be available for the referees on a private Internet site. The referees will write their remarks – and again, with just one click, send them back to the editor! And if the paper was accepted it appears directly on the official and freely accessible MolBank web site, where you will be able to find it easily using very powerful search tools. You may search by the date of publication, the name of the author as well as the name, FW, substructure or physical and chemical characteristics of the described compound.

#### ONE OF THE SEARCH TOOLS: SUBSTRUCTURE

The screenshot shows the MolBank main index page in a Netscape browser window. The page title is "Molbank - main index - Netscape". The address bar shows "www.molbank.org". The page content includes the MDPI logo, a search bar for authors, and a list of papers. The list of papers is as follows:

Date	Compound Name	Authors	Journal
5/48	Ethyl-(R,S)-5-acetyl-4,5-dihydro-3-isoxazole Acetate	Baraldi, Pier Giovanni; Cacciari, Barbara; Romagnoli, Romeo; Spalluto, Giampiero	<i>Molecules</i> 1998, 3, M47.
6/48	(+)-8-Hydroxy-labdane-17-oic Acid	Martha, Ramirez; Nohemi, Tellez; Ruben, Torrenegra	<i>Molecules</i> 1998, 3, M48.
<b>March 1998</b>			
7/48	Cycloartan-2 $\beta$ -2-methyl Butanoate isolated from Genus Espeletia (Asteraceae)	Tellez, Nohemi; Torrenegra, Ruben; Pedroyo, Julio; Gray, Alexander	<i>Molecules</i> 1998, 3, M49.
8/48	Methyl 2,3-O-Isopropylidene- $\alpha$ -D-mannofuranoside 5,6-Carbonate	Steiner, Bohumil; Gajdos, Jan; Kooš, Miroslav	<i>Molecules</i> 1998, 3, M50.
9/48	Ethyl (E)-3-methyl-5-phenyl-2-pentenoate	Stoermer, Martin J.; Pinhey, John T.	<i>Molecules</i> 1998, 3, M51.
10/48	Ethyl (Z)-3-Methyl-5-phenyl-2-pentenoate	Stoermer, Martin J.; Pinhey, John T.	<i>Molecules</i> 1998, 3, M52.
11/48	(E)-3-Methyl-5-phenyl-2-pentenoic Acid	Stoermer, Martin J.; Pinhey, John T.	<i>Molecules</i> 1998, 3, M53.

The screenshot shows the "Search by substructure" tool in the MolBank interface. It features the MDPI logo, a search bar for authors, and a search bar for chemical compounds. The search bar for chemical compounds has three options: "By substructure", "Power search", and "Quick search". The "By substructure" option is selected. The search bar contains the text "C", "N", "O", "S", "F", "Cl", "Br", "I", "P", "X". Below the search bar is the "JME Molecular Editor®" interface, which includes a toolbar with various chemical drawing tools and a text area for drawing the substructure. The text area contains the text "JME Molecular Editor®, Novartis AG". To the right of the search bar is a text box that reads: "This applet allows you to draw the substructure you are looking for and search for all the products described in Molbank articles containing this structure." Below this text box is a section titled "Keyboard shortcuts:" with a list of shortcuts: "bonds -,=#", "rings 3,8, Ph is 1", "atoms C,N,O,P,S,F,L,B,I", and "Esc - return to the standard state (C, single bond)". At the bottom of the page are two buttons: "Substructure Search" and "Exact Search".

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