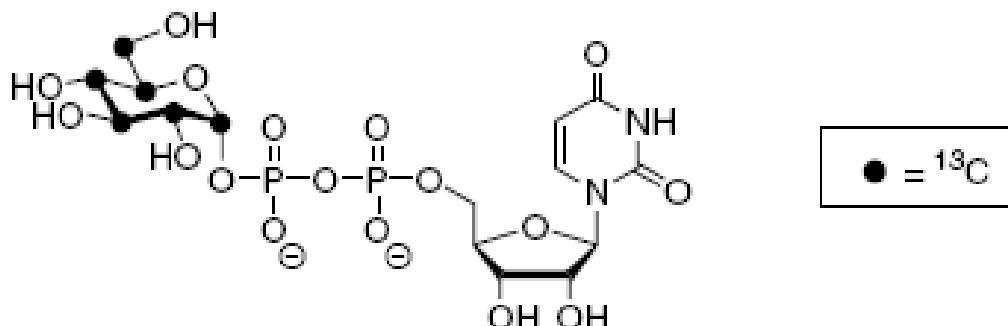


# URIDINE DIPHOSPHO(<sup>13</sup>C<sub>6</sub>)GLUCOSE

For Research Purposes Only

Cat. No. 300-5



## CHEMICAL PROPERTIES

Uridine diphospho(<sup>13</sup>C<sub>6</sub>)glucose prepared from uniformly labeled D-(<sup>13</sup>C<sub>6</sub>)glucose, as bis ammonium salt.

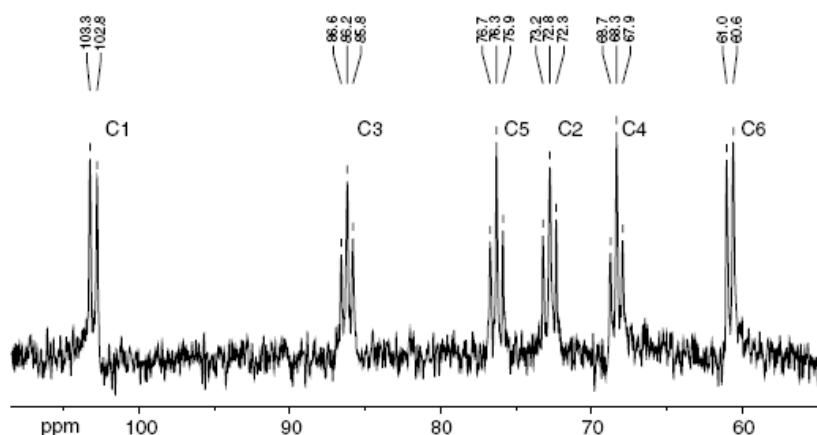
This freeze-dried product has been shipped at ambient temperature; however it should be stored for extended periods at -20°C, with desiccant.

## APPLICATIONS

As a substrate for *in vitro* synthesis of glucans allowing rapid and detailed characterisation of the products using <sup>13</sup>C NMR as shown below.

## REFERENCE

Fairweather, J. K., Him, J. L. K., Heux, L., Driguez, H., Bulone, V. (2004). *Glycobiology* 14: 775–781.



## STORAGE

100MHz <sup>13</sup>C NMR spectrum of ~25µg (1→3)-β-D-glucan prepared from *Lolium multiflorum* membranes by *in vitro* labeling with UDP-(<sup>13</sup>C<sub>6</sub>)glucose.

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