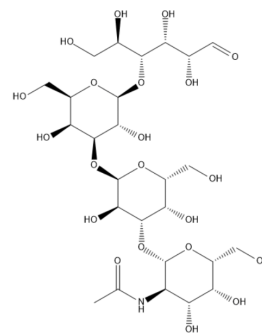


## Isoglobotetraose

Cat. No.:	HY-N10527
CAS No.:	75645-26-0
Molecular Formula:	C <sub>26</sub> H <sub>45</sub> NO <sub>21</sub>
Molecular Weight:	707.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Isoglobotetraose (Globoisotetraose) is the oligosaccharide moiety of human glycosphingolipids. Synthesis process: globotetraose (GalNAc $\beta$ 1 $\rightarrow$ 3Gal $\alpha$ 1 $\rightarrow$ 4Gal $\beta$ 1 $\rightarrow$ 4Glc) and isoglobotetraose (GalNAc $\beta$ 1 $\rightarrow$ 3Gal $\alpha$ 1 $\rightarrow$ 3Gal $\beta$ 1 $\rightarrow$ 4Glc)<sup>[1]</sup>.

### REFERENCES

[1]. Shao J, et al. Donor substrate regeneration for efficient synthesis of globotetraose and isoglobotetraose. Appl Environ Microbiol. 2002 Nov;68(11):5634-40.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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