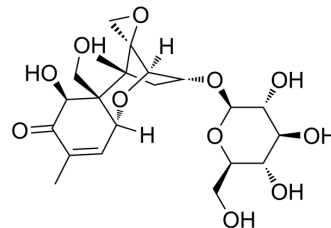


## Deoxynivalenol-3-β-D-glucoside

Cat. No.:	HY-N11678
CAS No.:	131180-21-7
Molecular Formula:	C <sub>21</sub> H <sub>30</sub> O <sub>11</sub>
Molecular Weight:	458.46
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Deoxynivalenol-3-β-D-glucoside (DON-3-β-D-glucoside) is a plant metabolite of the Fusarium mycotoxin Deoxynivalenol (HY-N6684). Deoxynivalenol-3-β-D-glucoside exhibits lower toxicity than Deoxynivalenol *in vitro* and *in vivo*<sup>[1][2]</sup>.

### REFERENCES

- [1]. Pierron A, et, al. Intestinal toxicity of the masked mycotoxin deoxynivalenol-3-β-D-glucoside. *Arch Toxicol.* 2016 Aug;90(8):2037-46.
- [2]. Nagl V, et, al. Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in rats. *Toxicol Lett.* 2012 Sep 18;213(3):367-73.

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

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