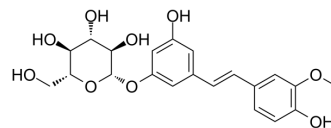


## Isorhapontin

Cat. No.:	HY-N10418	
CAS No.:	32727-29-0	
Molecular Formula:	C <sub>21</sub> H <sub>24</sub> O <sub>9</sub>	
Molecular Weight:	420.41	
Target:	Fungal	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### BIOLOGICAL ACTIVITY

#### Description

Isorhapontin is an antifungal agent. Isorhapontin inhibits the hydrolytic activity of *Trichoderma* cellobiohydrolase I (CBH I) with a K<sub>i</sub> of 57.2 μM. Isorhapontin also inhibits the activity of *Trichoderma* endoglucanase [1][2].

#### IC<sub>50</sub> & Target

K<sub>i</sub>: 57.2 μM (Cellobiohydrolase I)<sup>[1]</sup>

### REFERENCES

[1]. Underwood C D T, et al. Astringin and isorhapontin distribution in Sitka spruce trees. *Phytochemistry*, 1991, 30(7): 2183-2189.

[2]. Shibutani S, et al. Inhibition of *Trichoderma* cellulase activity by a stilbene glucoside from *Picea glehnii* bark. *Journal of wood science*, 2001, 47(2): 135-140.

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

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