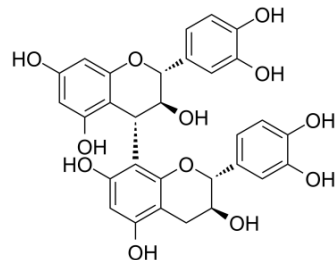


Procyanidin B3

Cat. No.:	HY-N2345		
CAS No.:	23567-23-9		
Molecular Formula:	C ₃₀ H ₂₆ O ₁₂		
Molecular Weight:	578.52		
Target:	Histone Acetyltransferase		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Procyanidin B3 is a natural product, acts as a specific HAT inhibitor, binds to the other site of p300 instead of the active site, selectively inhibits p300-mediated androgen receptor acetylation. Procyanidin B3 has no effect on HDAC or HMT (histone methyltransferase) ^[1] .
IC ₅₀ & Target	p300 ^[1]

REFERENCES

[1]. Choi KC, et al. Procyanidin B3, an inhibitor of histone acetyltransferase, enhances the action of antagonist for prostate cancer cells via inhibition of p300-dependent acetylation of androgen receptor. *Biochem J.* 2011 Jan 1;433(1):235-44.

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

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