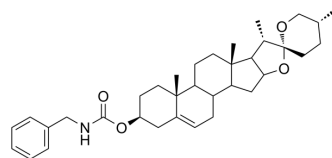


Anti-A β agent 1A

Cat. No.:	HY-146483
Molecular Formula:	C ₃₅ H ₄₉ NO ₄
Molecular Weight:	547.77
Target:	Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-A β agent 1A (compound M15) has potent activity against amyloid- β . Anti-A β agent 1A possesses can significantly inhibit LPS-induced levels of IL-1 β , IL-6 and TNF- α , and reduces the apoptosis of SH-SY5Y induced by H ₂ O ₂ through mitochondria pathway. Anti-A β agent 1A possesses antioxidant, anti-inflammatory, anti-A β toxicity and neuroprotective activities. Anti-A β agent 1A can be used for researching Alzheimer's disease (AD) ^[1] .
IC ₅₀ & Target	Amyloid- β ^[1]

REFERENCES

[1]. Yang GX, et al. Design, synthesis and evaluation of diosgenin carbamate derivatives as multitarget anti-Alzheimer's disease agents. Eur J Med Chem. 2020 Feb 1;187:111913.

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

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