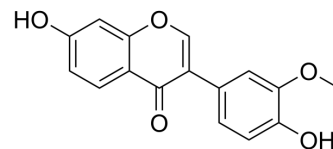


3'-Methoxydaidzein

Cat. No.:	HY-N1847
CAS No.:	21913-98-4
Molecular Formula:	C ₁₆ H ₁₂ O ₅
Molecular Weight:	284.26
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3'-Methoxydaidzein is a isoflavone and a Sodium Channel inhibitor. 3'-Methoxydaidzein inhibits subtypes Nav1.7, Nav1.8 and Nav1.3 with IC ₅₀ of 181 nM, 397 nM, and 505 nM, respectively. 3'-Methoxydaidzein exerts analgesic activity by inhibiting voltage-gated sodium channels ^[1] .		
IC₅₀ & Target	Nav1.3 505 nM (IC ₅₀)	Nav1.7 181 nM (IC ₅₀)	Nav1.8 397 nM (IC ₅₀)

REFERENCES

[1]. Xu RJ, et al. 3'-Methoxydaidzein exerts analgesic activity by inhibiting voltage-gated sodium channels. Chin J Nat Med. 2019 Jun;17(6):413-423.

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

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