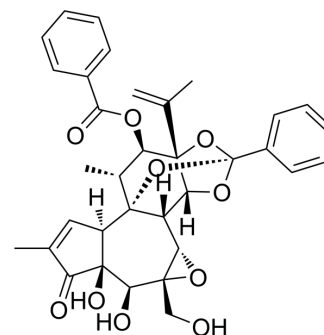


Genkwadaphnin

Cat. No.:	HY-N10578
CAS No.:	55073-32-0
Molecular Formula:	C ₃₄ H ₃₄ O ₁₀
Molecular Weight:	602.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Genkwadaphnin is a daphnane diterpenoid, targeting of importin-β1 to reduce the nuclear accumulation of key CRPC drivers, and shut down their downstream oncogenic signaling. Genkwadaphnin shows potent anti-tumor activity and inhibits castration-resistant prostate cancer (CRPC) in vivo in mice ^[1] .
IC ₅₀ & Target	Importin-β1 ^[1]

REFERENCES

[1]. Huang JL, et al. Discovery of Highly Potent Daphnane Diterpenoids Uncovers Importin-β1 as a Druggable Vulnerability in Castration-Resistant Prostate Cancer. J Am Chem Soc. 2022 Sep 14.

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

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