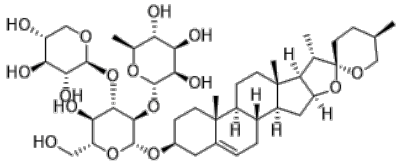
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.



Product Name	:	Ophiopogonin D1
Cat. No.	:	PC-27126
CAS No.	:	65604-80-0
Molecular Formula	:	$C_{44}H_{70}O_{16}$
Molecular Weight	:	855.03
Target	:	Regulators of G protein signaling (RGS)
Solubility	:	10 mM in DMSO

Biological Activity

Ophiopogonin D' (OPD') is a triterpenoid saponin extracted, directly binds JUN to transcriptionally regulate Regulator of G-protein signalling 4 (**RGS4**) expression, shows inhibitory effects on anaplastic thyroid cancer (ATC) initiation and metastasis, also regulates the activities of transporters OATP1B1 and OATP1B3.

References

Xu T, et al. ***J Cell Mol Med***. 2024 Aug;28(16):e70014.

Chen L, et al. ***Xenobiotica***. 2019 Oct;49(10):1221-1228.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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