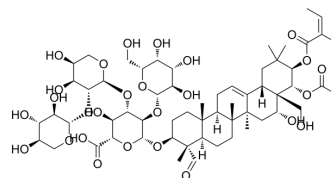


## Theasaponin E1

Cat. No.:	HY-N11709
CAS No.:	220114-28-3
Molecular Formula:	C <sub>59</sub> H <sub>90</sub> O <sub>27</sub>
Molecular Weight:	1231.33
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	Theasaponin E1 is a tea saponin isolated from tea seeds. Theasaponin E1 exhibits potential antitumor activity against human tumor cell lines K562 and HL60. Theasaponin E1 also has quinone reductase (QR)-inducing activity and can act as an anti-tumor agent for cancer prevention <sup>[1]</sup> .
IC <sub>50</sub> & Target	Quinone reductase (QR) <sup>[1]</sup>

### REFERENCES

[1]. Li N, et al. Phytochemical analysis of the triterpenoids with cytotoxicity and QR inducing properties from the total tea seed saponin of *Camellia sinensis*. *Fitoterapia*. 2013 Jan;84:321-5.

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

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