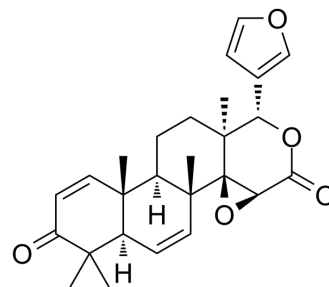


## 7DG

Cat. No.:	HY-124857
CAS No.:	26927-01-5
Molecular Formula:	C <sub>26</sub> H <sub>30</sub> O <sub>5</sub>
Molecular Weight:	422.51
Target:	PERK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	7DG (7-Desacetoxy-6,7-dehydrogedunin) is a protein kinase R (PKR) inhibitor. 7DG protects macrophages from lethal toxin-induced pyroptosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	protein kinase R (PKR) <sup>[1]</sup>

### REFERENCES

- [1]. Hett EC, et, al. Chemical genetics reveals a kinase-independent role for protein kinase R in pyroptosis. *Nat Chem Biol.* 2013 Jun;9(6):398-405.
- [2]. Chukwurah E, et, al. A tale of two proteins: PACT and PKR and their roles in inflammation. *FEBS J.* 2021 Nov;288(22):6365-6391.

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

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