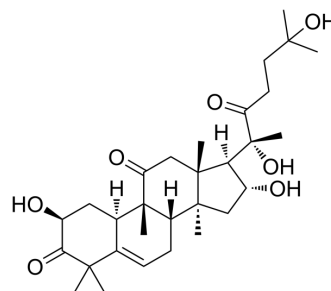


## Cucurbitacin R

Cat. No.:	HY-N11080
CAS No.:	55903-92-9
Molecular Formula:	C <sub>30</sub> H <sub>46</sub> O <sub>7</sub>
Molecular Weight:	518.68
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (19.28 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9280 mL	9.6399 mL	19.2797 mL
	5 mM	0.3856 mL	1.9280 mL	3.8559 mL
	10 mM	0.1928 mL	0.9640 mL	1.9280 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Cucurbitacin R is a cucurbitacin. Cucurbitacin R can be isolated from the roots of *Cayaponia tayuya*. Cucurbitacin R can be used for the research of pain and inflammation<sup>[1]</sup>.

### REFERENCES

[1]. M Carmen Recio, et al. Anti-inflammatory activity of two cucurbitacins isolated from *Cayaponia tayuya* roots. *Planta Med.* 2004 May;70(5):414-20.

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

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