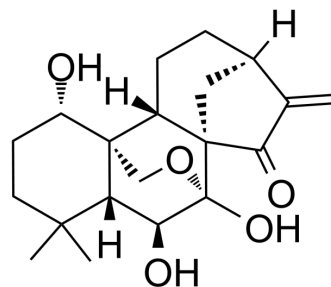


## Effusanin A

Cat. No.:	HY-N3798
CAS No.:	30220-43-0
Molecular Formula:	C <sub>20</sub> H <sub>28</sub> O <sub>5</sub>
Molecular Weight:	348.43
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 1.04529 mg/mL (3.00 mM; Need ultrasonic and warming)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.8700 mL	14.3501 mL	28.7002 mL	
5 mM	---	---	---	
10 mM	---	---	---	

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

### BIOLOGICAL ACTIVITY

#### Description

Effusanin A is a natural product that can be found in *Isodon rugosus*. Effusanin A exhibits DNA-damaging and antibacterial activities<sup>[1]</sup>.

### REFERENCES

[1]. Abbaskhan A, et, al. A new diepoxy-ent-kauranoid, rugosinin, from *Isodon rugosus*. *Planta Med.* 2003 Jan;69(1):94-6.

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

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