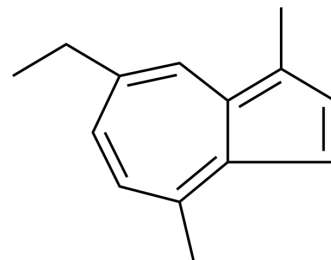


Chamazulene

Cat. No.:	HY-121038
CAS No.:	529-05-5
Molecular Formula:	C ₁₄ H ₁₆
Molecular Weight:	184.28
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chamazulene, a natural compound, is an antioxidant-type inhibitor of leukotriene B4 formation ^[1] .
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REFERENCES

- [1]. H Safayhi, et al. Chamazulene: an antioxidant-type inhibitor of leukotriene B4 formation. *Planta Med.* 1994 Oct;60(5):410-3.
- [2]. Andrea Capuzzo, et al. Antioxidant and radical scavenging activities of chamazulene. *Nat Prod Res.* 2014;28(24):2321-3.
- [3]. Ding Ma, et al. Chamazulene reverses osteoarthritic inflammation through regulation of matrix metalloproteinases (MMPs) and NF- κ B pathway in in-vitro and in-vivo models. *Biosci Biotechnol Biochem.* 2020 Feb;84(2):402-410.

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

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