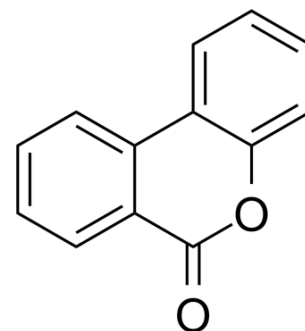


3,4-Benzocoumarin

Cat. No.:	HY-109714
CAS No.:	2005-10-9
Molecular Formula:	C ₁₃ H ₈ O ₂
Molecular Weight:	196.2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

3,4-Benzocoumarin is a kind of the expanded structure of coumarin derivatives. Coumarin is a chemical compound in the benzopyrone chemical class that can be found in many natural species. Coumarins possess variety of biological activities and unique photophysical properties^[1]. 3,4-Benzocoumarin, a AOH-like compound, has the sensibility of the antibody with an IC₅₀ of 919.2 ng/mL^[2].

REFERENCES

- [1]. Wang J, et al. Application of quantitative structure-activity relationship analysis on an antibody and alternariol-like compounds interaction study. *J Mol Recognit.* 2019 Jun;32(6):e2776.
- [2]. Jung Y, et al. Benzo[g]coumarin-Based Fluorescent Probes for Bioimaging Applications. *J Anal Methods Chem.* 2018 Jun 14;2018:5249765.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA