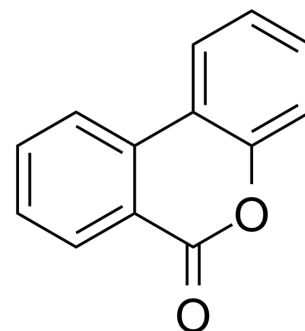


3,4-Benzocoumarin

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:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



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.