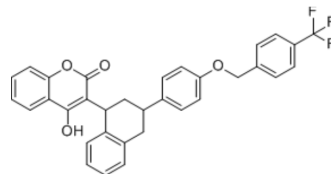


## Flocoumafen

<b>Cat. No.:</b>	HY-111186		
<b>CAS No.:</b>	90035-08-8		
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>25</sub> F <sub>3</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	542.54		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Flocoumafen (WL 108366) is a family of orally active vitamin K antagonist (VKA) molecules. Flocoumafen is a second generation anticoagulant rodenticide (ARs) <sup>[1][2][3]</sup> .
<b>In Vivo</b>	Flocoumafen (0.02, 0.1 mg/kg, oral, 14 weeks) rat liver shows significant cell accumulation <sup>[3]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Huckle KR, et al. Elimination and accumulation of the rodenticide flocoumafen in rats following repeated oral administration. *Xenobiotica*. 1988 Dec;18(12):1465-79.
- [2]. Nadia Coronado-Posada, et al. In Silico Analysis to Identify Molecular Targets for Chemicals of Concern: The Case Study of Flocoumafen, an Anticoagulant Pesticide. *Environ Toxicol Chem*. 2021 Jul;40(7):2034-2043.
- [3]. Sébastien Lefebvre, et al. Poisoning by Anticoagulant Rodenticides in Humans and Animals: Causes and Consequences.

**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