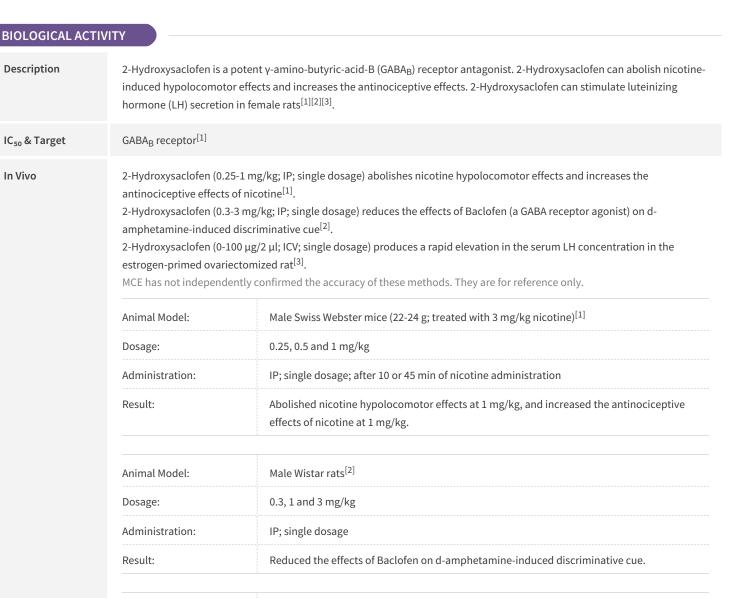
2-Hydroxysaclofen

Cat. No.:	HY-100812	
CAS No.:	117354-64-0	
Molecular Formula:	C ₉ H ₁₂ CINO ₄ S	Ĺ
Molecular Weight:	265.71	Į
Target:	GABA Receptor	
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling	H_2N
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	- ~



Animal Model:

OH

Product Data Sheet

OH



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Dosage:	0, 20, 50 or 100 μg/2 μL
Administration:	ICV; single dosage
Result:	Produced a rapid elevation in the serum LH concentration in the estrogen-primed ovariectomized rat with a dose-dependent manner, and the peak LH values were observed 10 min after the injection. The effect was dose-dependent, as 0 or 20 µg of the antagonist was ineffective while a pronounced effect was observed after the injection of 50 or 100 µg.

REFERENCES

[1]. Varani AP, et al. Baclofen and 2-hydroxysaclofen modify acute hypolocomotive and antinociceptive effects of nicotine. Eur J Pharmacol. 2014 Sep 5;738:200-5.

[2]. Miranda F, et al. The GABA-B antagonist 2-hydroxysaclofen reverses the effects of baclofen on the discriminative stimulus effects of D-amphetamine in the conditioned taste aversion procedure. Pharmacol Biochem Behav. 2009 Jul;93(1):25-30.

[3]. Akema T, et al. 2-Hydroxysaclofen, a potent GABAB receptor antagonist, stimulates luteinizing hormone secretion in female rats. Brain Res. 1991 Apr 12;546(1):143-5.

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

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