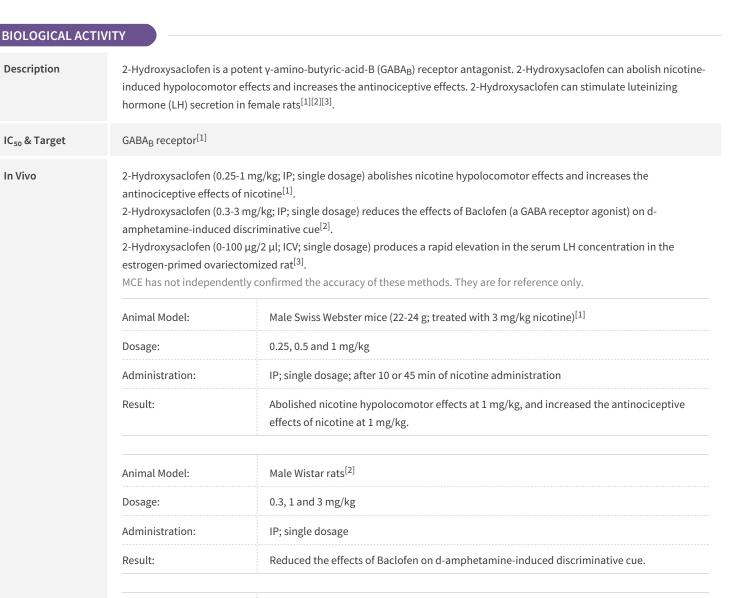
## 2-Hydroxysaclofen

Cat. No.:	HY-100812	
CAS No.:	117354-64-0	
Molecular Formula:	C <sub>9</sub> H <sub>12</sub> CINO <sub>4</sub> 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



## Page 1 of 2

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.

 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