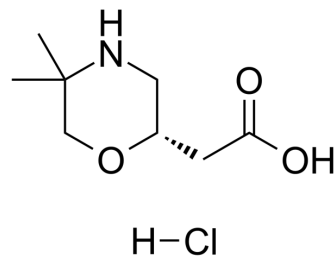


SCH 50911 hydrochloride

Cat. No.:	HY-12783
CAS No.:	160415-07-6
Molecular Formula:	C ₈ H ₁₆ ClNO ₃
Molecular Weight:	209.67
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SCH 50911 hydrochloride, (+)-(-S)-5,5-dimethylmorpholinyl-2-acetic acid, a selective, orally-active and competitive γ -Aminobutyric acid B GABA(B) receptor antagonist, binds to GABA(B) receptor with IC ₅₀ of 1.1 μ M. SCH 50911 hydrochloride antagonizes GABA(B) autoreceptors, increasing the electrically-stimulated ³ H overflow with an IC ₅₀ of 3 μ M.
IC ₅₀ & Target	GABA(B) 1.1 μ M (IC ₅₀)

REFERENCES

[1]. Ong J, et al. The morpholino-acetic acid analogue Sch 50911 is a selective GABA(B) receptor antagonist in rat neocortical slices. Eur J Pharmacol. 1998 Nov 27;362(1):35-41.

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