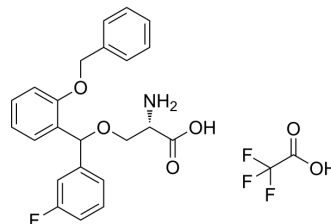


ALX-1393 TFA

Cat. No.:	HY-111029A
Molecular Formula:	C ₂₅ H ₂₃ F ₄ NO ₆
Molecular Weight:	509.45
Target:	GlyT
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	ALX-1393 TFA, a selective GlyT2 inhibitor, has an antinociceptive effect on thermal, mechanical, and chemical stimulations in a rat acute pain model ^[1] .
In Vitro	ALX1393 TFA (i.c.v.; 25, 50, and 100 µg) in normal rats suppresses the late-phase response in the formalin test but does not affect motor performance. ALX1393 inhibits mechanical and cold hyperalgesia in a dose-dependent manner ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Haranishi Y, et al. The antinociceptive effect of intrathecal administration of glycine transporter-2 inhibitor ALX1393 in a rat acute pain model. *Anesth Analg*. 2010 Feb 1;110(2):615-21.
- [2]. Takahashi Y, et al. Antinociceptive effect of intracerebroventricular administration of glycine transporter-2 inhibitor ALX1393 in rat models of inflammatory and neuropathic pain. *Pharmacol Biochem Behav*. 2015 Mar;130:46-52.

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

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