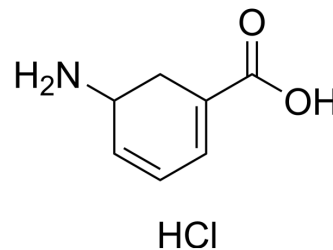


## DL-Gabaculine hydrochloride

Cat. No.:	HY-15377
CAS No.:	59556-17-1
Molecular Formula:	C <sub>7</sub> H <sub>10</sub> ClNO <sub>2</sub>
Molecular Weight:	175.61
Target:	GABA Receptor
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	DL-Gabaculine hydrochloride is a neurotoxin that irreversibly inhibits bacterial pyridoxal phosphate linked $\gamma$ -aminobutyric acid- $\alpha$ -ketoglutaric acid transaminase with a $K_i$ of 2.86 $\mu$ M <sup>[1]</sup> .
IC <sub>50</sub> & Target	$\gamma$ -aminobutyric acid- $\alpha$ -ketoglutaric acid transaminase <sup>[1]</sup>

### REFERENCES

[1]. Rando R R. Mechanism of the irreversible inhibition of  $\gamma$ -aminobutyric acid- $\alpha$ -ketoglutaric acid transaminase by the neurotoxin gabaculine. *Biochemistry*, 1977, 16(21): 4604-4610.

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

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