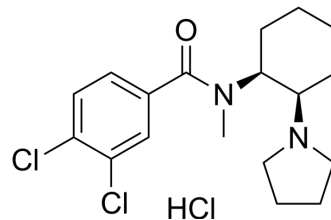


## U-54494A

Cat. No.:	HY-100963
CAS No.:	112465-94-8
Molecular Formula:	C <sub>18</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	391.76
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

U-54494A is a benzamide derivative related to  $\kappa$ -opioid receptor agonists, U-54494A has an anticonvulsant activity<sup>[1]</sup>.

### REFERENCES

[1]. Fischer, et, al. Anticonvulsant and related effects of U-54494A in various seizure tests. J Pharmacol Exp Ther. 1993, 267, 1.

[2]. G De Sarro, et, al. Anticonvulsant effects of U-54494A and U-50488H in genetically epilepsy-prone rats and DBA/2 mice: a possible involvement of glycine/NMDA receptor complex. Gen Pharmacol. 1993, 24, 2.

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

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