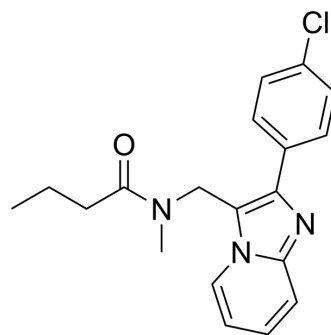


## Saripidem

Cat. No.:	HY-106875
CAS No.:	103844-86-6
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> ClN <sub>3</sub> O
Molecular Weight:	341.83
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

<b>Description</b>	Saripidem is a non-selective ligand for $\omega$ modulatory sites of GABA receptor <sup>[1]</sup> .
<b>In Vitro</b>	Saripidem binds GABA receptor $\alpha_1\beta_2\gamma_2$ and $\alpha_5\beta_2\gamma_2$ , cerebellum and spinal cord, with IC <sub>50</sub> s of 1.1, 33, 2.7 and 4.6 nM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Olivier A, et al., A conformational study of ligands for omega modulatory sites of GABAA receptors by NOESY NMR spectroscopy and distance geometry[J]. Bioorganic & Medicinal Chemistry Letters, 1997, 7(17): 2277-2282.

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

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