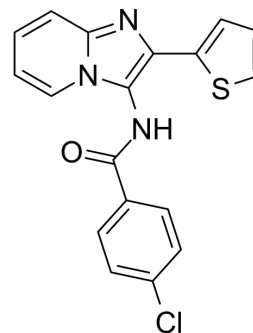


DS2

Cat. No.:	HY-103520
CAS No.:	374084-31-8
Molecular Formula:	C ₁₈ H ₁₂ ClN ₃ OS
Molecular Weight:	353.83
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

Description

DS2 is a selective positive allosteric modulator of δ -GABA_A receptor. DS2 selectively potentiates GABA responses mediated by $\alpha 4\beta 3\delta$ receptor. DS2 does not enhance activity at $\alpha 4\beta 3\gamma 2$ and $\alpha 1\beta 3\gamma 2$ receptors. DS2 relieves pain and has the potential for sleep disorders research^[1].

REFERENCES

[1]. K A Wafford, et al. Novel compounds selectively enhance delta subunit containing GABA A receptors and increase tonic currents in thalamus. *Neuropharmacology*. 2009 Jan;56(1):182-9.

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

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